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QUARTERLY REPORT NO. 6

JULY – SEPTEMBER 2006



SEPTEMBER 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: Warga Peduli Lingkungan, Bandung/West Java.

Caption:

Women of Community Unit 06, Kampong Dara Ulin, Nanjung Village, Margaasih Sub District, Bandung, were drawing waste water pipe connection on a social map presented to them. This was conducted during a focus group discussion in conjunction with a program aimed at preparing communities to accept, utilize and maintain a newly established communal septic tank. The activity is intended for communities living in urban slum areas who have yet to possess sanitation facilities such as Kampong Dara Ulin. ESP is pleased to support the initiative in cooperation with NGO *Warga Peduli Lingkungan* (Environmentally Concerned Society) and the local government.

For more about this, please read the cover story on page 1.

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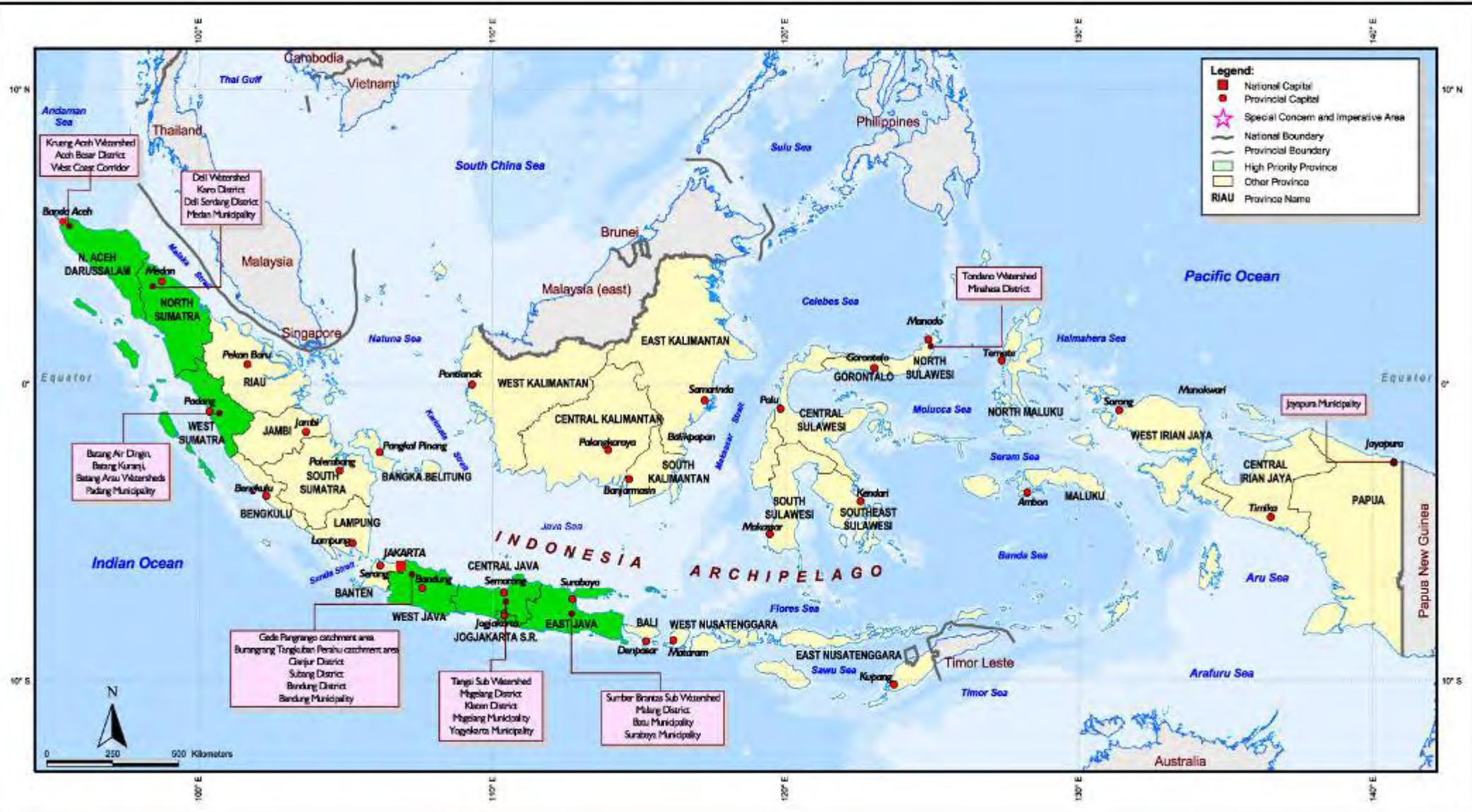
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Title:	Quarterly Report No. 6, July-September 2006.
Program, activity, or project number:	Environmental Services Program, DAI Project Number: 5300201.
Strategic objective number:	SO No. 2, Higher Quality Basic Human Services Utilized (BHS).
Sponsoring USAID office and contract number:	USAID/Indonesia, Contract number: 497-M-00-05-00005-00.
Contractor name:	DAI.
Date of publication:	September 2006.

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ESP Program Site Location Map



COVER STORY

COMMUNITY PREPAREDNESS FOR COMMUNAL SEPTIC TANK

ESP, in cooperation with NGO *Warga Peduli Lingkungan* (Society for the Environmentally Concerned) ran a program aimed at preparing communities to accept, utilize and maintain a newly established communal septic tank. We can see some progress from the community preparedness program, though it has not yet fully reached the targets set.

The Office for Development and Settlement Affairs of West Java Province supervises the establishment of sanitation facilities and, for fiscal year 2005/2006, Rp 300 million was allocated for the construction of two communal septic tanks in the city of Bandung.



This program is intended for communities living in urban slum areas who have yet to possess sanitation facilities. Locations for their establishment are decided by regional government and village administration. Kampung Dara Ulin, RW 06 in Nanjung village, Margaasih sub-district, and Kampung Penclut, RW 05 in Rancamanyar village, Baleendah sub-district were the chosen construction sites and the two communal septic tanks are expected to serve more than 800 people or about 400 homes in both locations.

Nanjung and Rancamanyar are situated alongside the Citarum River. Both villages are densely populated settlement areas with populations of around 1200 and 1400 persons, respectively. Sanitation conditions in these settlement areas are alarming, particularly due to poor awareness and behavior regarding sanitation issues. There are no septic tanks in Kampung Dara Ulin and people have no choice but to use drop pit latrines in the gardens or at the river.

At present, only 73 homes at Kampung Dara Ulin and 63 others in Penclut are served by the communal septic tank. The next phase of the program aims to provide additional waste water collection pipes so that 200 homes in each village will be served by the tanks and targets will be met.

The program helps promote community awareness about the importance of sanitation facilities, and healthy and clean living. Based on ESP team's observation, other impacts of this program are:

- Communities no longer need to use the river or garden for defecation because they have independently built their own latrines at home;
- 60% of the population currently have their own latrines, and that is growing;
- The community intentionally covered ponds previously used as *cubluk* (pit latrine) ;
- Yards are no longer inundated with waste water from bathrooms and therefore general neighborhood cleanliness has been dramatically increased.

More on the Community-Based Sanitation System

In line with the effort to prioritize sanitation, USAID-ESP supports initiatives by the local governments of Medan, Deli Serdang, Padang, Bandung, Malang district and Surabaya in developing and implementing a range of replicable models for improved city sanitation, hygiene behavior change and water supply. As a follow up to last year's multi-city sanitation seminar in Surabaya, ESP organized a city sanitation strategic planning workshop in Jakarta on 23-24 August. It was well attended by representatives from nine local governments and the media.



Community preparedness event that was conducted by ESP, local government & WPL.

Authorities of all above mentioned cities have expressed strong commitments to develop city sanitation strategies and action programs to address their urgent sanitation problems. Medan and Bandung already have a centralized sewerage system managed by their local water utility companies (PDAM), yet the technical operation, coverage and cost-recovery are still limited. With support from ESP, fourteen community-based sanitation systems are currently being established in the above mentioned six cities. The governments through various Local government budget sources

have allocated sufficient funding to co-finance these demonstration projects. Other cities within ESP priority provinces, like Yogyakarta, Malang city and Balikpapan, have also expressed a strong interest to follow these examples.

For Jakarta there was a plan to build another waste water treatment plant in addition to the existing one in Setiabudi, but it was hindered by problems of finding a suitable location. Because construction and operation of a sewage plant is expensive and owning properly constructed individual septic tanks in every household was no solution either, there should be more emphasis on combining these with communal sanitation systems. In response to this, ESP has already developed a program, in collaboration with Mercy Corps International, for three community-based sanitation systems in poor neighborhoods in North and Central Jakarta as examples how these systems can support the Government's efforts to improve sanitation services in Indonesia's capital.

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. 6 of the Environmental Services Program, for the period July 1 through September 30, 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 July 1 through September 30, 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. 6 dari Environmental Services Program untuk periode 1 Juli sampai 30 September 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 laporan ini berisi ringkasan eksekutif mengenai program dan keberhasilan pencapaian dari 1 Juli sampai 30 September 2006, dan berisi bagian-bagian berikut ini:

- Bagian I.1. Sekilas ESP**
- Bagian I.2. Ringkasan Keberhasilan Pencapaian Triwulan Ini**

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 aktivitas 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 nine High Priority Integrated Provinces: Nanggroe Aceh Darussalam, North Sumatra, West Sumatra, East Java, Central Java/Yogyakarta, West Java/Banten and DKI Jakarta. ESP also supports a limited set of activities in four Special Concern Imperative Areas: Balikpapan, Manado, Manokwari and Jayapura. This initiative 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. 497-019, 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 ESP difokuskan pada sembilan provinsi utama: Nanggroe Aceh Darussalam, Sumatra Utara, Sumatra Barat, Jawa Timur, Jawa Tengah/DI Yogyakarta, Jawa Barat/Banten dan DKI Jakarta. ESP juga mendukung beberapa kegiatan terbatas di empat Wilayah Perhatian Khusus: Balikpapan, Manado, Manokwari dan Jayapura. Program ini 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 terkait guna memenuhi **Tujuan Strategis No. 497-019 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 will work with the Government of Indonesia, the private sector, NGOs, community groups and other stakeholders to strengthen watershed management and the 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. To 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. To 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. To 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 largely 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 akan 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.*

ESP terutama melakukan pendekatan berbasis masyarakat, bertindak selaku katalisator untuk memperbaiki perubahan perilaku kesehatan dan kebersihan, mendorong tanggung jawab pengelolaan tanah yang lebih baik, dan memperbaiki penyediaan layanan air dan sanitasi dasar.

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 work 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.

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 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. During the period ESP Aceh evolved into a strong field-based program working in over 20 villages across three districts and a city and providing technical assistance to organizations building several thousands of houses, building community based water and sanitation systems and developing community-based nurseries.

PDAM work produced important results. The presence of seconded staff to support a water quality testing program plus the provision of testing equipment by ESP to Siron 2 in Aceh Besar and to the WTP in Meulaboh led the two PDAMs to build laboratory facilities. This led to more cost-effective water treatment.

The SD team conducted a "Finance School" to provide training in basic accounting to staff of PDAM Tirta Daroy, Banda Aceh, and staff of PDAM Tirta Moutala in Aceh Besar. Twenty-six people participated in the training.

Water Resources Management. Phil Brown, Asep Mullyana, Christoph Mor, Eko Adriansyah and Zulfan surveyed water resources in the Kr. Aceh watershed. Twenty-five sites were

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. Dalam periode ini, ESP Aceh telah terbentuk menjadi sebuah program berbasis lapangan yang dijalankan secara gencar pada lebih dari 20 desa di tiga kabupaten dan kota untuk memberikan bantuan teknis bagi organisasi-organisasi yang membangun beberapa ribu rumah, membangun sistem air bersih dan sanitasi serta mengembangkan pembibitan tanaman berbasis masyarakat.

Program PDAM memberikan hasil-hasil penting. Adanya staf yang diperbantukan untuk mendukung program pengujian kualitas air dan penyediaan peralatan pengujian oleh ESP bagi Siron 2 di Aceh Besar dan bagi WTP di Meulaboh membuat kedua PDAM tersebut membangun fasilitas laboratorium. Hal ini selanjutnya membawa kepada pengolahan air yang lebih efektif secara biaya.

Tim SD menjalankan "Sekolah Keuangan" (Finance School) untuk memberikan pelatihan akuntansi dasar bagi staf PDAM Tirta Daroy, Banda Aceh, dan staf PDAM Tirta Moutala di Aceh Besar. Dua puluh enam orang turut serta dalam pelatihan tersebut.

Pengelolaan Sumber Daya Air. Phil Brown, Asep Mullyana, Christoph Mor, Eko Adriansyah dan Zulfan telah menyurvei sumber daya air di daerah aliran sungai Kr. Aceh. Dua puluh lima lokasi telah diambil

sampled. The survey was designed to evaluate the water quality in the watershed from source to the fresh water intakes of PDAMs Tirta Daroy and Tirta Mountala.

ESP Coastal Rehabilitation. ESP continued with the establishment of 7 tree nurseries and the commencement of planting-out activities along the Banda Aceh – Meulaboh coastal road corridor. A full 29 hectares of coastal land was rehabilitated along a 5.7 km stretch.

Community-Based Water and Sanitation. During the quarter the sub-surface wetlands was completed. Some 200 meters of drain was installed to carry water from the wetlands away from the village. Water now flows through the system and away from the housing area. The Perfector was installed and is now producing clean drinking water for the people of Lamkruet.

Partner Collaborations. ESP also worked with a consultant from HSP in the development of their “Healthy Markets” program. Late in the quarter, ESP and LGSP were working together on a workshop for media related to environmental issues in Aceh.

During the quarter ESP began working with DBE I. ESP delivered several trainings to school committees related to the importance of water and sanitation issues in a well functioning school. The training program that was implemented by DBE I was preparing school committees to establish development plans and allocation of funds.

North Sumatra. The ESP North Sumatra program has invested a great deal of time and effort into laying the foundations for community-based programs, and over the last three months the results and benefits of these investments have begun to accrue.

In the upper watershed areas, the Farmer Field School program in Semangat Gunung and Doulu villages literally began to bear fruit as farmers are now harvesting their first crops of organic tomatoes,

sampelnya. Survei ini dirancang untuk mengevaluasi kualitas air di daerah aliran sungai mulai dari mata air sampai ke saluran masuk air tawar pada PDAM Tirta Daroy dan Tirta Mountala.

Rehabilitasi Wilayah Pesisir ESP. ESP melanjutkan program ini dengan pembentukan 7 pembibitan pohon dan pelaksanaan kegiatan penanaman sepanjang daerah pesisir di koridor jalan Banda Aceh - Meulaboh. 5.7 kilometer atau 29 hektar tanah pesisir telah direhabilitasi.

Air Bersih dan Sanitasi Berbasis Masyarakat. Pembuatan rawa bawah tanah (sub-surface wetlands) telah diselesaikan dalam triwulan ini. Saluran pembuangan sepanjang 200 meter telah dipasang untuk membuang air hasil olahan rawa tersebut. Sistem sekarang telah berjalan dengan baik, yang ditandai dengan mengalirnya air melalui sistem tersebut. Perangkat Perfector telah dipasang dan sekarang memompa air bersih layak minum untuk masyarakat di Lamkruet.

Kolaborasi Kemitraan. ESP juga bekerja dengan seorang konsultan dari HSP dalam pengembangan program “Pasar Sehat” (Healthy Markets). Pada akhir triwulan, ESP dan LGSP bekerja sama mengadakan sebuah lokakarya bagi media berkaitan dengan persoalan lingkungan di Aceh.

Dalam triwulan ini ESP mulai bekerja sama dengan DBE I. ESP menjalankan sejumlah pelatihan bagi perwakilan-perwakilan sekolah mengenai pentingnya persoalan air dan sanitasi untuk memperbaiki pengelolaan sekolah. Program pelatihan yang dilaksanakan oleh DBE I ini bertujuan untuk menyiapkan perwakilan-perwakilan sekolah dalam menyusun rencana pengembangan dan alokasi anggaran.

Sumatra Utara. ESP Program Sumatra Utara telah menginvestasikan amat banyak waktu dan upaya untuk membentuk fondasi bagi program-program berbasis masyarakat, dan selama tiga bulan terakhir ini hasil-hasil dan manfaat-manfaat dari investasi-investasi tersebut mulai dapat dipetik.

Program Sekolah Lapangan untuk Petani. Sekolah yang berada di wilayah hulu daerah aliran sungai, tepatnya di desa Semangat Gunung dan Doulu, mulai membuah hasil, yakni para petani sekarang telah memanen panen pertama tomat organik.

Access to clean water for the poor came on line in July in Sei Mati and Kampung Baru areas of Maimun, Medan. Through a small grant to the NGO Jaringan Kesehatan Masyarakat ESP helped design another hybrid system to bring clean water right into the houses of the urban poor. ESP also facilitated cross visits to other community managed systems both upstream and downstream in order to explore 'best practices' in local water management.

Collaboration with JBIC Moves Forward in Tembung. Activities in Tembung, one of the largest sub-districts in the country with over 300,000 residents, on community-led solid waste management continues to move ahead. Waste collection and separation effort is being expanded to 200 households from the current 40, and MAPEL activities have gotten the attention of the Camat (sub-district head) who actively supports the program and has asked for assistance in similar work in other villages in the sub-district.

Discussions on Corporate Social Responsibility and Environment Services were held with a number of private businesses. DANONE is discussing with ESP efforts for forest and watershed rehabilitation in upstream areas as part of its CSR work.

Hand Washing with Soap campaigns continued in 6 POSYANDU plus local elementary schools and Madrasah in urban Medan communities. Hand washing with soap continued to be promoted across ESP activities, from urban settings to rural agricultural programs in Deli Serdang and Karo Districts.

Workshop on community-based water supply. One important approach to providing access to water for the poor is community-based systems. In more rural areas such as Karo District, a wide range of management systems have been tried with success, including cooperatives, individual contracts, and 'leasing' systems.

Akses air bersih bagi warga miskin. Program mulai berfungsi pada bulan Juli di wilayah Sei Mati dan Kampung Baru di Maimun, Medan. Dengan hibah kecil kepada LSM Jaringan Kesehatan Masyarakat, ESP membantu merancang satu lagi sistem hibrida untuk menyalurkan air bersih langsung ke rumah-rumah masyarakat perkotaan yang miskin. ESP juga memfasilitasi kunjungan silang ke sistem-sistem lain yang dikelola masyarakat, baik di wilayah hulu maupun hilir, untuk menggali 'praktek-praktek terbaik' dalam pengelolaan air lokal.

Kemajuan dalam Kolaborasi dengan JBIC di Tembung. Kegiatan di Tembung, salah satu kecamatan terbesar di Indonesia dengan lebih dari 300.000 warga. dalam hal pengelolaan sampah padat yang dipimpin oleh masyarakat terus bergerak maju. Upaya pengumpulan dan pemilahan sampah sedang diperluas ke 200 rumah tangga dari 40 yang telah berjalan saat ini, dan kegiatan MAPEL telah mendapat perhatian dari Camat yang secara aktif mendukung program tersebut dan telah meminta bantuan untuk dilakukannya kegiatan yang serupa di desa-desa lain dalam kecamatan tersebut.

Diskusi mengenai Tanggung Jawab Sosial dan Layanan Lingkungan Perusahaan. Diskusi ini telah dijalankan dan diikuti oleh sejumlah perusahaan swasta. DANONE dan ESP sedang mendiskusikan upaya-upaya rehabilitasi hutan dan daerah aliran sungai di wilayah-wilayah hulu sebagai bagian dari bakti TJSP mereka.

Kampanye Mencuci Tangan dengan Sabun terus dijalankan. Kampanye ini dilakukan di 6 POSYANDU dan sekolah-sekolah dasar serta Madrasah di wilayah kota Medan. Mencuci tangan dengan sabun terus didengung-dengungkan di seluruh kegiatan ESP, mulai dari kegiatan di wilayah perkotaan sampai dalam program-program pertanian di Deli Serdang dan Kabupaten Karo.

Lokakarya tentang pasokan air berbasis masyarakat. Satu pendekatan penting untuk menyediakan akses air bagi masyarakat kurang mampu adalah melalui sistem berbasis masyarakat. Di wilayah-wilayah yang tidak terlalu padat penduduk seperti di Kabupaten Karo, berbagai sistem pengelolaan telah berhasil dicoba, termasuk koperasi, kontrak individual, dan sistem 'sewa guna usaha.'

The JAS Deli Watershed Management Action Plan was completed and launched via 'road show' activities and public discussion with Government and NGO partners in Medan as well as with upstream rural communities (KERINA) in Karo and Deli Serdang.

West Sumatra. The West Sumatra ESP Office was officially closed on 30 September 2006, and during the three months leading up to this phase-out much of the work of the office focused upon completing the basic groundwork for sustainable watershed management activities in Kota Padang.

The FORUM PEDAS community watershed forum underwent an intensive organizational capacity development program, culminating in their attainment of legal body status.

FORMULA DAS, a multi-stakeholder watershed management forum for Kota Padang was officially launched on 27 September after a series of joint upstream-downstream meetings of stakeholders and community members led by FORUM PEDAS.

Collaboration with Aman Tirta. The Safe Water Systems program was also initiated in Kota Padang through training from the membership of Forum PEDAS wherein local community members will become involved with the NTR (non-traditional retailer) program

Sanitation Development. Collaboration between the Government of Kota Padang, ESP and BORDA was also officially launched to begin implementation of community based sanitation facility development.

DKI Jakarta. ESP continued to strengthen the implantation of a range of urban community-based clean water and sanitation, as well as health and hygiene activities in Jakarta. A main theme of ESP's work is integration and collaboration, working with numerous partners in each location.

Rencana Tindakan Pengelolaan Daerah Aliran Sungai JAS Deli. Rencana ini telah diselesaikan dan diluncurkan melalui kegiatan 'kunjungan keliling' dan diskusi umum dengan Pemerintah dan LSM-LSM mitra di Medan dan juga dengan masyarakat pedesaan wilayah hulu (KERINA) di Karo dan Deli Serdang.

Sumatra Barat. Kantor ESP Sumatra Barat secara resmi ditutup pada 30 September 2006, dan selama tiga bulan terakhir sebelum penutupan ini pekerjaan di kantor tersebut difokuskan untuk menyelesaikan pekerjaan dasar untuk kegiatan pengelolaan daerah aliran sungai secara berkelanjutan di Kota Padang.

Forum masyarakat daerah aliran sungai. FORUM PEDAS kini menjalani program pengembangan kapasitas organisasional secara intensif, yang berpuncak pada keberhasilan mereka mendapatkan status badan hukum.

Forum multi pihak untuk pengelolaan daerah aliran sungai. FORMULA DAS forum bagi penduduk Kota Padang secara resmi diluncurkan pada 27 September setelah serangkaian rapat gabungan para pemangku kepentingan dan masyarakat hulu-hilir yang dipimpin oleh FORUM PEDAS.

Kolaborasi dengan Aman Tirta. Program Aman Tirta juga dijalankan di Kota Padang melalui pelatihan untuk para anggota Forum PEDAS di mana anggota-anggota masyarakat setempat akan terlibat dalam program NTR (non-traditional retailer/pengecer nontradisional).

Pengembangan Sanitasi. Kerja sama antara Pemerintah Kota Padang, ESP dan BORDA juga secara resmi diluncurkan untuk memulai pelaksanaan pengembangan fasilitas sanitasi berbasis masyarakat.

Jakarta. ESP terus menjalankan pemasangan sejumlah fasilitas air bersih dan sanitasi berbasis masyarakat, dan juga melaksanakan kegiatan-kegiatan kesehatan dan kebersihan di Jakarta. Salah satu tema utama dari pekerjaan ESP adalah integrasi dan kerja sama, bekerja dengan banyak mitra di setiap lokasi.

World Water Quality Monitoring Day. ESP worked with Forkami, a local NGO, to commemorate World Water Quality Monitoring Day. This event involved other parties: TPJ and NZAID. The first phase has been completed in September. Two community awareness raising programs in Kelurahan Cawang and Kelurahan Bali Mester, East Jakarta were attended by 70 participants both men and women.

Healthy Places, Prosperous People Program. ESP continued to work with Mercy Corps, URDI, Swiss Contact and the City Team on the HP3/IDRC program, officially started in July 2006. A study of community profile, including socio-cultural, political and environmental condition, was also conducted during the first few months in three targeted poor communities in Kelurahan Penjaringan.

Community Watershed Partnership Program. ESP is working with Coca-Cola Systems Indonesia and JHU-CCP/SWS in conducting the Community Watershed Partnership Program (CWPP), a Global Development Alliance between Coca-Cola International and USAID managed under the umbrella organization the Global Environmental Technology Foundation (GETF). Two communities in Bekasi are selected with different target groups. School programs will be conducted in two elementary schools in Sukadanau village and a community based program will be done in Kalijaya village.

Petojo Utara 7K Family Fun and Healthy Walkathon: Clean Kampung, Healthy Kampung! To celebrate Indonesian Independence day, on August 17 2006, 2,800 people from RW 08, Petojo Utara, Central Jakarta participated a community initiated walkathon. ESP, SWS and Mercy Corps incorporated three messages into this event: waste separation, hand washing with soap and chlorination as an alternative for safe water system.

West Java. During this Quarter, the West Java Team focused on ensuring the achievement of ESP annual targets of outcomes and deliverables, as well as work planning for the coming year.

Hari Pemantauan Kualitas Air Dunia. ESP bekerja sama dengan Forkami, sebuah LSM lokal, untuk memperingati Hari Pemantauan Kualitas Air Dunia. Kegiatan ini melibatkan pihak-pihak lain: TPJ dan NZAID. Fase pertama telah diselesaikan pada bulan September. Dua program peningkatan kesadaran masyarakat di Kelurahan Cawang dan Kelurahan Bali Mester, Jakarta Timur telah dihadiri oleh 70 peserta baik pria maupun wanita.

Program Lingkungan Sehat, Masyarakat Makmur (Healthy Places, Prosperous People). ESP melanjutkan kerja sama dengan Mercy Corps, URDI, Swiss Contact dan Tim Kota dari program HP3/IDRC, secara resmi dimulai pada bulan Juli 2006. Sebuah penelitian mengenai profil masyarakat, termasuk sosial-budaya, politik, dan kondisi lingkungan juga dijalankan dalam beberapa bulan awal pada tiga masyarakat miskin sasaran di Kelurahan Penjaringan.

Program Kemitraan Masyarakat Daerah Aliran Sungai. ESP bekerja sama dengan Coca-Cola Systems Indonesia dan JHU-CCP/SWS dalam menjalankan Community Watershed Partnership Program (CWPP, Program Kemitraan Masyarakat Daerah Aliran Sungai), sebuah Aliansi Pembangunan Global antara Coca-Cola International dan USAID yang dikelola di bawah organisasi payung Global Environmental Technology Foundation (GETF). Dua kelompok masyarakat di Bekasi telah dipilih dengan kelompok sasaran yang berbeda. Program sekolah akan dijalankan di dua sekolah dasar di desa Sukadanau dan program berbasis masyarakat akan dilaksanakan di desa Kalijaya.

Petojo Utara 7K Acara Santai Keluarga dan Jalan Sehat: Kampung Bersih, Kampung Sehat! Untuk merayakan hari Kemerdekaan Indonesia, pada tanggal 27 Agustus 2006, 2.800 orang dari RW 08, Petojo Utara, Jakarta Pusat, berpartisipasi dalam jalan sehat yang diadakan oleh masyarakat. ESP, SWS dan Mercy Corps memasukkan tiga pesan ke dalam kegiatan ini: pemisahan sampah, mencuci tangan dengan sabun dan klorinasi sebagai pilihan untuk sistem air yang aman.

Jawa Barat. Selama triwulan ini, Tim Jawa Barat berfokus untuk memastikan pencapaian sasaran tahunan keluaran dan serahan (deliverables) ESP, dan juga perencanaan pekerjaan untuk tahun mendatang.

Watershed Management and Biodiversity Conservation activities led to strengthening of community capacity and building links between community cadres and multi-stakeholder WSM groups primarily through community Field Schools to support land rehabilitation and forest conservation. 25 community representatives from 13 villages Sub Das Cikundul – Cilaku actively participated in a 14-week tree nursery Field School (FS) training of trainers (TOT).

ESP provided on-going technical support to PDAMs in Kab. Sukabumi, Kota Sukabumi, Kab. Purwakarta and Kota Bandung. The NRW program at PDAM Kab. Sukabumi was a success, as it led to a savings of 3 l/s water production, or enough water to serve 300 potential household connections.

Public Outreach and Communications: ESP's POC group extended its journalist network. Fifteen journalists joined together with ESP and our local NGO network (K3A) to launch the 'Environmental Journalism Network' of West Java. Us Tiarsa, the Head of the West Java Branch of the Indonesian Journalists Association (PWI), as well as two government officials acting as resource persons, actively participated in an ESP-sponsored writing workshop.

Bogor District Bond and DCA. Significant steps were taken toward the development of a DCA-partial guaranteed bond to finance expanded access of clean water in Bogor District. Besides a series of meetings and capacity building activities in Bogor, the Feasibility Study and Legal Due Diligence reports were completed.

Central Java/Yogyakarta. The provinces of Central Java and Yogyakarta are still in the recovery and reconstruction process from three local, but large-scale natural disasters: a volcano, an earthquake, and a tsunami. ESP has been responsive to the natural disasters by remaining engaged in the donor and local government water and sanitation coordination email list serves and meetings. But our focus has been on developing a strong foundation in the Tangsi sub watershed, which has largely been unaffected by the natural disasters.

Kegiatan-kegiatan Pengelolaan Daerah Aliran Sungai dan Pelestarian Keanekaragaman Hayati telah memperkuat kapasitas masyarakat dan membangun keterkaitan antara kader-kader masyarakat dan kelompok-kelompok Pengelolaan DAS multi pihak terutama melalui Sekolah-Sekolah Lapangan untuk masyarakat yang bertujuan untuk mendukung rehabilitasi tanah dan pelestarian hutan. Dua puluh lima perwakilan masyarakat dari 13 desa di Sub DAS Cikundul – Cilaku secara aktif berpartisipasi dalam pelatihan untuk pelatih (TOT) Sekolah Lapangan (SL) dalam pembibitan pohon.

ESP menyediakan bantuan teknis bagi PDAM di Kab. Sukabumi, Kota Sukabumi, Kab. Purwakarta dan Kota Bandung. Program Air Tak Tertagih pada PDAM Kab. Sukabumi merupakan suatu keberhasilan, karena dapat menghemat 3 l/d air yang diproduksi, atau volume yang sanggup melayani 300 sambungan rumah tangga potensial.

Komunikasi Jangkauan Publik: Kelompok POC dari ESP memperluas jaringan wartawannya. Lima belas wartawan bergabung bersama ESP dan jaringan LSM lokal kami (K3A) untuk meluncurkan 'Jaringan Jurnalisme Lingkungan' di Jawa Barat. Us Tiarsa, Kepala Persatuan Wartawan Indonesia (PWI) cabang Jawa Barat, dan juga dua pejabat pemerintah bertindak selaku nara sumber, secara aktif berpartisipasi dalam lokakarya penulisan yang disponsori oleh ESP.

Obligasi dan DCA Kabupaten Bogor. Langkah penting telah diambil menuju pengembangan obligasi dengan jaminan DCA untuk membiayai perluasan akses bagi air bersih di Kab. Bogor. Selain melakukan serangkaian rapat dan kegiatan-kegiatan pembangunan kapasitas di Bogor, Studi Kelayakan dan Laporan Uji Tuntas juga telah diselesaikan.

Jawa Tengah/Yogyakarta. Provinsi Jawa Tengah dan DI Yogyakarta masih dalam proses pemulihan dan pembangunan kembali dari tiga bencana alam lokal, namun berskala besar: letusan gunung berapi, gempa bumi, dan tsunami. ESP telah bertindak responsif terhadap bencana-bencana alam tersebut dengan terus terlibat dalam daftar email, layanan dan rapat-rapat pengelolaan air dan sanitasi dengan donor dan pemerintah lokal. Tetapi fokus kamu adalah untuk mengembangkan sebuah dasar yang kuat di sub daerah aliran sungai Tangsi, yang secara umum tidak terpengaruh oleh bencana-bencana alam tersebut.

Promoting Clean and Healthy Villages. This past quarter, ESP completed the implementation of 7-day Field Schools in 15 villages in the Tangsi sub watershed, spread over an eight week period. The Field Schools culminated in a week long series of educational activities with the theme “Live Healthy, Take Pride in Conservation, and Develop Community Plans” (*Kampanye Hidup Sehat, Bangga Konservasi, dan Rencana Masyarakat*).

Harnessing Media Attention on Water and Environment. This past quarter, the headlines and top stories covered by the Central Java media have been dominated by the recent earthquake, tsunami, and volcanic activity of Mt. Merapi. During this time, ESP conducted a Multi-Media campaign on the topic of conservation of water sources. Despite the media’s focus on natural disasters, ESP was able to penetrate the media with several articles published on ESP’s activities with local communities, and issues related to water conservation, water quality, and sanitation.

Coordination with SWS. ESP and SWS is collaborating on plans to develop public education materials on clean and safe water that will be distributed to communities in the Tangsi sub watershed through a subsequent 12-week Field School approach, which will be conducted next quarter.

A PDAM Training Needs Assessment was conducted for 3 public water utilities (PDAM Kota and Kabupaten Magelang and PDAM Kota Surakarta). The results will be used to design a training workshop aimed at increasing employee motivation at each PDAM.

Clean, Green, and Hygiene Cultural Fair. ESP, SWS, and DBE I jointly sponsored a 1-day “Clean, Green, and Hygiene Cultural Fair” at two elementary schools (SD Sumopuro 2 & 3) in Jogonalan, Klaten. This event is the first in a series, whereby the 3 BHS programs will support the school committees in the two schools to make major improvements in sanitation, solid waste management, greening, and clean water supply.

Mendorong Desa Yang Bersih dan Sehat. Triwulan ini, ESP menyelesaikan pelaksanaan Sekolah Lapangan 7-hari di 15 desa di sub daerah aliran sungai Tangsi, yang dilakukan secara bertahap dalam periode delapan minggu. Sekolah Lapangan ini berakhir dalam sebuah rangkaian kegiatan pendidikan sepanjang satu minggu dengan tema “Kampanye Hidup Sehat, Bangga Konservasi, dan Rencana Masyarakat” (*Live Healthy, Take Pride in Conservation, and Develop Community Plans*).

Memperkuat Perhatian Media atas Air dan Lingkungan Hidup. Dalam triwulan terakhir ini, kepala berita dan laporan-laporan utama yang diliput oleh media di Jawa Tengah didominasi oleh gempa, tsunami, dan aktivitas vulkanis Gunung Merapi yang terjadi baru-baru ini. Selama waktu ini, ESP melakukan sebuah kampanye Multi-Media dalam topik konservasi sumber-sumber air. Sekalipun fokus media adalah kepada bencana alam, ESP sanggup menembus media dengan diterbitkannya beberapa artikel mengenai kegiatan ESP dengan masyarakat-masyarakat setempat, dan persoalan-persoalan yang berkaitan dengan konservasi air, kualitas air, dan sanitasi.

Koordinasi dengan SWS. ESP dan SWS bekerja sama dalam rencana untuk mengembangkan bahan-bahan pendidikan masyarakat mengenai air yang bersih dan aman yang akan didistribusikan kepada kelompok-kelompok masyarakat di sub daerah aliran sungai Tangsi melalui sebuah pendekatan Sekolah Lapangan 12-minggu, yang akan dilaksanakan triwulan mendatang.

Penilaian Kebutuhan Pelatihan PDAM telah dilaksanakan untuk 3 perusahaan air bersih (PDAM Kota dan Kabupaten Magelang dan PDAM Kota Surakarta). Hasilnya akan dipergunakan untuk merancang sebuah loka karya pelatihan yang ditujukan untuk meningkatkan motivasi karyawan di masing-masing PDAM.

Pameran Budaya Bersih, Hijau, dan Sehat. ESP, SWS, dan DBE I secara bersama-sama mensponsori sebuah “Pameran Budaya Bersih, Hijau dan Sehat” selama 1 hari di dua sekolah dasar (SD Sumopuro 2 dan 3) di Jogonalan, Klaten. Kegiatan ini merupakan yang pertama dari serangkaian kegiatan, di mana ketiga program BHS ini akan mendukung komite-komite sekolah di kedua sekolah tersebut untuk melakukan perbaikan besar dalam sanitasi, pengelolaan sampah padat, penghijauan kembali, dan pasokan air bersih.

East Java During this last quarter of the 2005-2006 Workplan, ESP's work in East Java can be characterized by an expansion of activities and a consolidation of locations as the team has begun to address the relationship between community-based action and the roles of government in coordinating and maintaining change.

Multi-stakeholder Biodiversity Action Planning for the TAHURA Raden Soerjo. Tahura R. Soerjo (Tahura RS) already has a management Master Plan prepared by the Province Forestry Department that provides focused guidelines on specific management interventions to protect conservation targets.

Participatory Mapping for Watershed Planning and Forest Restoration. ESP is now working in 22 of the 24 villages in Kota Batu. Ten of these villages are in enclaves in the state forest managed by the forestry state enterprise Perum Perhutani and represent 5,442 households.

Culturally-Based Environmental Care for Sustainable Change. The long term success of a social movement for change depends fundamentally on emotional and spiritual ownership by the community. Recognizing this, ESP supported and helped organize a traveling workshop in July that encompassed the three local government areas that lie in the headwaters of the Brantas River.

ESP's Non-Revenue Water (NRW) Reduction Pilot Project with PDAM Kota Malang has resulted in improved institutional capacity to multiply savings. This past quarter, Pondok Belimbing Indah and Tidar have achieved NRW reductions from 45% to 30%.

Customer Satisfaction Surveys in Kabupaten Malang and Surabaya. Customer Satisfaction Surveys for PDAM customers have been completed with 2,200 respondents in Kab Malang and 2,400 in Surabaya. Initial findings indicate that significant reorientation by the PDAM is required to build customer confidence and satisfaction.

Jawa Timur. Selama triwulan terakhir dari rencana kerja 2005-2006, pekerjaan ESP di Jawa Timur dapat dikarakterisasikan sebagai sebuah perluasan dari aktivitas dan konsolidasi dari lokasi-lokasi ketika tim mulai menangani hubungan antara tindakan berbasis masyarakat dan peran-peran pemerintah dalam mengoordinasikan dan mempertahankan perubahan.

Pembuatan Rencana Tindakan Multi Pihak dalam Keanekaragaman Hayati untuk TAHURA Raden Soerjo. Tahura R. Soerjo (Tahura RS) telah memiliki sebuah Rencana Induk pengelolaan yang dirancang oleh Kantor Wilayah Departemen Kehutanan Propinsi yang memberikan pedoman terfokus mengenai intervensi-intervensi pengelolaan spesifik untuk melindungi sasaran-sasaran konservasi.

Pemetaan Partisipatoris untuk Perencanaan Daerah Aliran Sungai dan Pemulihan Hutan. ESP saat ini bekerja di 22 dari 24 desa di Kota Batu. Sepuluh dari desa-desa ini berada di wilayah kantong di dalam hutan negara yang dikelola oleh perusahaan kehutanan negara Perum Perhutani dan mewakili 5.442 rumah tangga.

Perawatan Lingkungan Berbasis Budaya untuk Perubahan Berkelanjutan. Keberhasilan jangka panjang dari gerakan sosial untuk perubahan tergantung secara fundamental terhadap rasa memiliki secara emosional dan spiritual dari masyarakat. Dengan menyadari hal ini, ESP mendukung dan membantu mengadakan sebuah lokakarya keliling pada bulan Juli yang menjangkau tiga wilayah pemerintahan yang terletak di daerah hulu Sungai Brantas.

Proyek Percontohan Pengurangan Air Tak Tertagih (NRW) ESP dengan PDAM Kota Malang telah memberikan hasil berupa perbaikan kapasitas institusional untuk melipatgandakan penghematan. Dalam triwulan terakhir ini, Pondok Belimbing Indah dan Tidar telah mencapai pengurangan NRW sebesar 30% sampai 45%.

Survei Kepuasan Pelanggan di Kabupaten Malang dan Surabaya. Survei Kepuasan Pelanggan bagi para pelanggan PDAM telah diselesaikan dengan mengikutsertakan 2.200 responden di Kab. Malang dan 2.400 di Surabaya. Temuan-temuan awal mengindikasikan bahwa diperlukan reorientasi PDAM secara signifikan untuk membangun keyakinan dan kepuasan pelanggan.

Extending PDAM connections through micro-credit and World Bank Output-Based Assistance (OBA). Two important new alternative funding initiatives were introduced to East Java PDAM this quarter, micro-credit and Output-based Assistance.

USAID's ESP, FSN and SWS programs collaborate in Kelurahan Gading. Early in the quarter, ESP joined with World Vision (which is implementing USAID's Food Security and Nutrition Program), PKK Surabaya, and the city government of Surabaya, to extend the FSN program into community-based environment, water, hygiene and waste management in the north Surabaya community of Gading.

Special Concern Imperative Areas. In Manado, ESP completed in September the household census for 40,000 customers and non-customers, through the University De LaSalle and, in collaboration with PDAM and WMD.

ESP closed SCIA offices at the end of this Quarter, releasing staff and turning-over inventory to ESP partners in Balikpapan, Manado, Manokwari and Jayapura. While ESP may continue to support low-level activities in these cities, this decision was made in order to focus ESP management and resources more effectively on our High Priority Provinces in northern Sumatra and across Java.

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

Multi-Stakeholder Watershed Planning and Management. The Watershed Management teams in all HPPs continued to prepare and/or finalize participatory watershed management action plans. A model action plan was developed in collaboration with stakeholders in Cianjur, West Java.

Memperluas sambungan PDAM melalui kredit-mikro dan Output-Based Assistance (OBA, Bantuan Berbasis Hasil Keluaran) dari Bank Dunia. Dua inisiatif penting untuk pendanaan alternatif telah diperkenalkan untuk PDAM Jawa Timur pada triwulan ini, kredit-mikro dan Bantuan Berbasis Hasil Keluaran.

Program ESP, FSN dan SWS dari USAID bekerja sama di Kelurahan Gading. Pada awal triwulan ini, ESP melakukan kerja sama dengan World Vision (yang melaksanakan Program Keamanan Pangan dan Gizi USAID), PKK Surabaya, dan pemerintah kota Surabaya, untuk memperluas program FSN menjadi sebuah pengelolaan lingkungan hidup, air, kebersihan dan sampah berbasis masyarakat di wilayah Surabaya utara yakni di Kelurahan Gading.

Wilayah Perhatian Khusus Di Manado, ESP pada bulan September telah menyelesaikan sensus rumah tangga untuk 40.000 pelanggan dan non-pelanggan melalui University De LaSalle dan bekerja sama dengan PDAM dan WMD.

EST menutup kantor-kantor Wilayah Perhatian Khusus pada akhir triwulan ini, melepaskan staf dan mengalihkan persediaan ke mitra-mitra ESP di Balikpapan, Manado, Manokwari dan Jayapura. Sementara ESP mungkin terus melanjutkan kegiatan-kegiatan tingkat rendah di kota-kota ini, keputusan ini dibuat untuk memfokuskan manajemen dan sumber daya ESP secara lebih efektif pada Provinsi-Provinsi utama di bagian utara Sumatra dan di Jawa.

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

Perencanaan Multipihak Pengelolaan Daerah Aliran Sungai. Tim Pengelolaan Daerah Aliran Sungai di semua Provinsi Utama terus mempersiapkan dan/atau memfinalisasi rencana tindakan pengelolaan daerah aliran sungai secara partisipatoris. Sebuah model rencana tindakan telah dikembangkan bekerja sama dengan para pemangku kepentingan di Cianjur, Jawa Barat.

Biodiversity Conservation Management. Significant progress was made with ESP's biodiversity conservation work this Quarter. The ESP Conservation Assessment and Action Plan was approved by USAID and is currently being distributed.

ESP WSM Training of Trainers (TOT) Program Development. This Quarter marked the implementation and completion of the ESP WSM TOT, a twelve-week residential training program launched on July 5, in Solok, West Sumatra. 38 ESP Field Assistants and Partners in the skills necessary to ramp-up effective field activities in rural communities of upper- and mid-stream watersheds.

Environmental Services Delivery

PDAM Operator Training programs. The PDAM operator training program by ESP, WMD (ESP partner for East Indonesia), SABSAS (Aceh PDAM support program) and YPTD (PERPAMSI Training Foundation) has developed the first two modules: Pipe laying & connections and PVC installation.

PDAM Energy Efficiency Audits. The PDAM Energy Efficiency audit program, as explained in QR#5, has been implemented very successfully, combining two classroom trainings and one month field work by 14 participants (from four PDAM and two local institutions) and three Philippine trainers (support by Eco-Asia).

PDAM Non-Revenue Water Reduction (NRW) programs. Programs have been completed for Kota Malang, Kota and Kab Sukabumi (all three zoning and step-testing in pilot area's) as well as Kota Bandung and Kota Manado (both completing large household census programs).

Environmental Services Finance

Full Cost Recovery. By the end of the quarter, 10 utilities had been advised on tariff levels needed to achieve reasonable cost recovery tariffs with the ultimate objective of raising commercial funding.

Pengelolaan Konservasi Keanekaragaman Hayati Kemajuan signifikan telah dicapai dalam pekerjaan konservasi keanekaragaman hayati ESP pada triwulan ini. Penilaian Konservasi dan Rencana Tindakan ESP telah mendapat persetujuan oleh USAID dan saat ini sedang didistribusikan.

Pengembangan Program Pelatihan untuk Pelatih (TOT) WSM ESP. Triwulan ini menandai implementasi dan diselesaikannya TOT WSM ESP, sebuah program pelatihan residensial dua belas minggu yang diluncurkan pada tanggal 5 Juli, di Solok, Sumatra Barat. 38 Asisten Lapangan ESP dan Mitra menjalani pelatihan untuk kemahiran-kemahiran yang diperlukan dalam mendorong kegiatan-kegiatan lapangan yang efektif pada kelompok-kelompok masyarakat pedesaan di hulu dan tengah daerah aliran sungai.

Pelaksanaan Jasa Lingkungan

Program Pelatihan Operator PDAM. Program pelatihan operator PDAM oleh ESP, WMD (mitra ESP untuk Indonesia Timur), SABSAS (program dukungan bagi PDAM Aceh) dan YPTD (Yayasan Pelatihan PERPAMSI) telah mengembangkan dua modul pertama: Pemasangan dan penyambungan pipa serta Instalasi PVC

Audit Efisiensi Energi PDAM. Program Audit Efisiensi Energi PDAM, seperti dijelaskan dalam Laporan Triwulan #5, telah dilaksanakan secara amat berhasil, dengan menggabungkan dua pelatihan di ruang kelas dan satu bulan pekerjaan lapangan bagi 14 peserta (dari empat PDAM dan dua institusi lokal) dan tiga pelatih dari Filipina (dengan dukungan dari Eco-Asia).

Program Pengurangan Air Tak Tertagih (NRW) PDAM. Program-program telah diselesaikan untuk Kota Malang, Kota dan Kab. Sukabumi (ketiganya telah melakukan pembagian zona dan pengujian langkah di wilayah-wilayah percontohan) dan juga di Kota Bandung dan Kota Manado (keduanya telah menyelesaikan program skala besar sensus rumah tangga).

Pembiayaan Jasa Lingkungan

Pemulihan Biaya Penuh. Pada akhir triwulan ini, 10 perusahaan utilitas telah diberi saran mengenai tingkat tarif yang diperlukan untuk mencapai tarif pemulihan biaya yang masuk akal dengan tujuan akhir berupa mendapatkan pembiayaan komersial.

Micro-Credit. As a result of the special initiative with BRI to introduce micro-finance of household connections to 27 designated regional water utilities introduced toward the end of the 3rd quarter, 2 Master Agreements have been executed this Quarter, with PDAM Kabupaten Bandung and PDAM Kota Malang.

Kabupaten Bogor Bond Issue. The pre-feasibility study based on a full cost advisory for their proposed investment plan was prepared in January 2006. Further subsequent work was discontinued, to permit PT. Danareksa to undertake its own due diligence, agree on a transaction structure and communicate the major elements of its likely scope and content to the PDAM, itself, and, subsequently, the DPRD.

Indonesia Water Fund (IWF). During the fourth quarter, the feasibility study for the IWF was completed, a special presentation made to the Multi-Donor Decentralized Support Facility where the financing mechanism was outlined to the membership and questions were invited. The membership, among others, includes World Bank, ADB, DfID, USAID, KfW, AusAid and others.

Strategic Communications for Behavior Change

Communications Strategy Developed. With the assistance of Patricia Poppe, a draft Communication Strategy was prepared in August. The approach to the strategy takes into account the lessons learned of both POC and Health & Hygiene activities throughout the year, and merges these two cross-cutting themes into the new Strategic Communications for Behavior Change technical component.

Health and Hygiene for Behavior Change. For H&H in this quarter, the primary focus was on building synergy with the Services Delivery team, specifically CBSW, and also with women's group across the Deli watershed on issues related to gender, health and natural resources.

Kredit-Mikro. Sebagai hasil dari inisiatif khusus bersama BRI untuk memperkenalkan pembiayaan mikro untuk sambungan rumah tangga bagi 27 perusahaan daerah air minum yang ditunjuk pada akhir triwulan ke-3, 2 Perjanjian Induk telah ditandatangani, dalam triwulan ini masing-masing adalah dengan PDAM Kabupaten Bandung dan PDAM Kota Malang.

Penerbitan Obligasi Kabupaten Bogor. Pra-Studi Kelayakan berdasarkan saran pemulihan biaya penuh bagi rencana investasi yang mereka ajukan telah disusun pada Januari 2006. Pekerjaan selanjutnya tidak diteruskan, untuk memungkinkan PT. Danareksa menjalankan uji tuntasnya sendiri, menyepakati sebuah struktur transaksi, dan mengomunikasikan unsur-unsur utama dari kemungkinan jangkauan dan isinya kepada PDAM, PT. Danareksa sendiri, dan selanjutnya, DPRD.

Indonesia Water Fund (IWF, Dana Air Indonesia). Dalam triwulan ke-empat, studi kelayakan untuk IWF telah diselesaikan, sebuah presentasi telah disusun untuk Fasilitas Dukungan Terdesentralisasi Multi-Donor di mana mekanisme pembiayaannya dipaparkan secara garis besar kepada para anggota dan mereka diundang untuk mengajukan pertanyaan. Para anggota, antara lain termasuk Bank Dunia, ADB, DfID, USAID, KfW, AusAid dan lain-lain.

Komunikasi Strategis untuk Perubahan Perilaku

Strategi Komunikasi telah Dikembangkan. Dengan bantuan dari Patricia Poppe, sebuah rancangan Strategi Komunikasi telah disusun di bulan Agustus. Pendekatan untuk strategi ini memperhatikan pelajaran-pelajaran yang diperoleh dari kegiatan-kegiatan POC dan Kesehatan & Kebersihan sepanjang tahun ini, dan menggabungkan kedua tema yang saling bersilangan ini menjadi komponen teknis dalam Strategi Komunikasi baru untuk Perubahan Perilaku.

Perubahan Perilaku Kesehatan dan Kebersihan. Untuk H&H pada triwulan ini, fokus utamanya adalah untuk membangun sinergi dengan tim Pelaksanaan Layanan, khususnya CBSW, dan juga dengan kelompok-kelompok perempuan di sepanjang daerah aliran sungai Deli dalam persoalan-persoalan yang terkait dengan gender, kesehatan dan sumber daya alam.

Public Outreach Communications. ESP's Public Outreach and Communications Specialists implemented MMC 4 focusing on Water Resources Conservation and program support for City Sanitation, Water for The Poor and program exhibitions. This generated more than 82 of news stories in print and electronic media across Indonesia.

Small Grants

Small Grants Program grows. ESP commenced a number of new small grants this Quarter. ESP's total commitment for small grants is \$498,463 or 49.85% of total grant funding of \$1,000,000 for the entire length of project.

Monitoring and Evaluation

ESP PMP Approved and Operational. ESP finalized and submitted the latest version of PMP document to USAID, and received approval on 8 September 2006. PMP intake forms have been developed to support regular PMP data collection every reporting period. This intake form is used to track the ESP quantitative achievement based on PMP.

Public Outreach Communications (POC, Komunikasi Jangkauan Publik) Para Spesialis Komunikasi dan Jangkauan Publik ESP melaksanakan MMC 4 yang berfokus pada Konservasi Sumber Daya Air dan dukungan program untuk Sanitasi Kota, Air untuk Masyarakat Miskin, dan pameran program. Kampanye ini menghasilkan lebih dari 82 berita pada media cetak dan elektronik di seluruh Indonesia.

Hibah Kecil

Program Hibah Kecil terus tumbuh. ESP melaksanakan sejumlah hibah kecil baru triwulan ini. Komitmen total ESP untuk hibah kecil ini adalah \$498.463 atau 49,85% dari keseluruhan pembiayaan hibah yakni \$1.000.000 untuk sepanjang berjalannya proyek ini.

Pemantauan dan Evaluasi

ESP PMP mendapat Persetujuan dan Dioperasionalkan. ESP memfinalisasi dan menyerahkan versi terakhir dokumen PMP kepada USAID, dan menerima persetujuan pada 8 September 2006. Formulir masukan PMP telah dikembangkan untuk mendukung pengumpulan data PMP pada setiap periode pelaporan. Formulir masukan ini dipergunakan untuk menjejaki pencapaian kuantitatif ESP berdasarkan PMP.

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. West Sumatra**
- Section 2.4. West Java & Banten**
- Section 2.5. DKI Jakarta**
- Section 2.6. Central Java & Yogyakarta**
- Section 2.7. East Java**
- Section 2.8. Special Concern Imperative Areas**

SECTION 2.1.

NANGGROE ACEH DARUSSALAM

INTRODUCTION

This report marks the end of the first complete annual cycle of work for ESP in Aceh. During the period, ESP Aceh has become a primarily field based program working in over 20 villages across three districts and a city and providing technical assistance to organizations building several thousands of houses, building community based water and sanitation systems and developing community-based nurseries. ESP Aceh gained a focus in its activities during the quarter both in terms of area and activities by placing a greater emphasis on expected contractual achievements. However, it is a constant battle to remain focused on ESP type activities and not be diverted or side-tracked by constantly changing needs or priorities at other development work in Aceh.

ACTIVITIES

Staffing Up PDAMs in Aceh

In 2005 ESP Aceh made a decision to help PDAM Tirta Daroy in Banda Aceh, PDAM Tirta Moutala in Aceh Besar, and PDAM Tirta Meulaboh in Aceh Barat by filling critical positions in the PDAMs that either had never before been filled or where staff were lost during the tsunami. ESP seconded six people to the PDAMs in cooperation with PERPAMSI, the national organization of water companies. In Banda Aceh the seconded staff were placed in the accounting and customer relations divisions and in the water quality monitoring lab at Lambaro WTP. Seconded staff were placed in the accounting division and water quality lab in the PDAM in Meulaboh. Aceh Besar was provided with one seconded staff for their water quality monitoring program.

Results exceeded expectations. The presence of seconded staff to support a water quality testing program plus the provision of testing equipment by ESP to Siron 2 in Aceh Besar and to the WTP in Meulaboh led the two PDAMs to build new laboratory facilities. In Meulaboh the water testing program resulted in immediate savings for the PDAM because chemical treatments were made as a result of testing rather than guesswork. Both Siron 2 WTP and Lambaro WTP for Banda Aceh were able to counteract the increasingly degraded quality of water in the Kr. Aceh because of the work of ESP seconded staff.

Tirta Daroy in Banda Aceh was able for the first time in several years to produce monthly and annual financial reports because of the assistance of seconded staff. Seconded staff were



ESP BANDA ACEH/ NIAD

Seconded staff in water quality monitoring lab.

also responsible for increasing the billing efficiency of the PDAMs in Banda Aceh and Meulaboh. In Banda Aceh the rate of payments increased from less than 10% to over 30%. Still a low rate, but the increase is promising.

The last quarter was the final quarter in which ESP Aceh would support seconded staff. The seconded staff will become Field Assistants during the next quarter. As Field Assistants they will continue supporting the three PDAMs of Aceh Barat, Aceh Besar and Banda Aceh.

Water Quality Survey in the Krueng Aceh Basin

The water quality of the *Krueng Aceh* (Aceh River) has visibly degraded over the last year. This is primarily because of the legal and illegal mining of sand and gravel along the river to provide materials for construction in the region. In terms of surface water resources, the reconstruction of Aceh is having a deteriorating affect in some locations.



ESP BANDA ACEH/ NAD

The Krueng Aceh around Indrapura showing the signs of the wear and tear of reconstruction.

Hydrogeologist and engineers Phil Brown, Asep Mullyana, Christoph Mor, Eko Adriansyah and Zulfan surveyed water resources in the Krueng Aceh watershed. Twenty-five sites were sampled. The survey was designed to evaluate the water quality in the watershed from source to the fresh water intakes of PDAMs Tirta Daroy and Tirta Mountala. Samples were sent to PT. Sucofindo in Bekasi for analysis. Results of the survey will reveal the effect of land use on water quality. The survey results will also provide the basis for a loading model for the watershed and provide input into a basin-wide GIS.

After completing sampling, Phil, Asep and Christoph drove to Meulaboh to collect water quality samples along the coast and conduct training in support of the Sanitation Clinic program in the Meulaboh area. A visit was made to Ross Tomlinson, Area Coordinator for Catholic Relief Services. CRS has examined over 700 water samples and had them analyzed for Indonesia drinking water parameters. Of the 700 samples, approximately 25 had arsenic levels above WHO and Indonesia standards. Apparently in deep boreholes, wells between 80 and 100 meters deep have acceptable water quality whereas those in the intermediate zones, less than 60 meters meters deep have quality problems.

The final task for the Hydrogeologist was the installation of weather stations. During their work in Aceh the installed weather stations in three sites. One was installed in the ESP office in Meulaboh. A second went into the Calang office of the American Red Cross. The third was placed in the GIS center in Jantho, Aceh Besar that GTZ is developing for local government planners.

Coastal Rehabilitation in Sawang

Forty people took part in planting almost six kilometers of coastal area in Sawang during late September. The activity was supported by ESP and coordinated by the Lageun Indah Group. This group was organized by ESP to manage the community based nursery established by ESP in Sawang and co-ordinate coastal rehabilitation activities in the area.

Sawang is about 30 kilometers north of Calang in Aceh Jaya. This coastal village sits at the mouth of the Kr. Lageun. By the beginning of this past quarter, the nursery had been established and stocked with several types of seedling stock including cacao, cemara (*Casuarina*) and ketapang (*Terminalia cetappa*). The cacao was an idea of one of the leaders of the group, Mr. Suleiman, who learned from up-stream communities that they wanted to plant cacao, but had no seed stock. The cemara and ketapang trees were for coastal rehabilitation activities.



ESP BANDA ACEH/ NAD

Weather station is being installed in Jantho.



ESP BANDA ACEH/ NAD

Planting site by a beach in Sawang.



ESP BANDA ACEH/ NAD

Cemara seedling stock for coastal rehabilitation.

Over 2,500 cages to protect the seedlings from wild pigs had to be built. The cages were spaced along the beach in three lines. Once these were in place everything was ready, all that was needed was rain. And the rains came early in the month. By the end of September, 1,746 *cemara* (pine trees) and 906 *ketapang* trees had been planted. The first two lines of cages were planted with *cemara* and the furthest inland land was planted with *ketapang*.

Three rows of trees were planted in three locations: Dusun Babah, Sawang, Dusun Krueng Pandee. The plantings extend 5.7

kilometers covering a total area of around 29 hectares. This planting complements the work the group did earlier along the Kr. Lageun where they planted almost two kilometers of trees.

OTHER ACTIVITIES

Community-based Nurseries. During the quarter the six community-based nurseries that were begun early in the year passed from the start-up stage to the established stage. By the end of the quarter the nurseries had facilities, plans and plants. Four of the nurseries are located in Aceh Besar: Jantho Baru, Blanglambaro, Jruék Balee and Lamseunia. The other two are in Aceh Jaya: Kuala Meurisi and Sawang. The nurseries will enable communities to generate their own planting stock for land, forest and coastal rehabilitation activities. Recently three of the farmers who participated in the propagation training in Tanjung Morawa conducted a similar training for 39 people from communities in the Kr. Aceh watershed.

GIS Survey. The very first steps were taken in surveying the catchment area for the Jantho intake. This area has become more accessible recently as a rough road was made to the intake area so that new pipes could be laid. The PDAM asked ESP to determine if there was a way to further protect the area so that this important water resource did not become threatened. The GIS team surveyed the region to determine the status of the land in question. As it turned out the catchment area is threatened but supposed to be protected. The WSM team is developing a strategy to conserve and protect the catchment area.

Finance School. For most of the quarter the SD team conducted a “Finance School” to provide training in basic accounting to staff of PDAM Tirta Daroy, Banda Aceh, and staff of PDAM Tirta Mountala in Aceh Besar. Twenty-six people participated in the training program (15 men and 11 women). The training was backed up by ESP staff from Jakarta and staff of PDAM Tirtanadi in medan.

Corporate Plan. ESP and Tirta Mountala worked together on the corporate plan for the PDAM over the quarter. ESP is using a highly participatory process which might perhaps

appear to take a long time. The fact is that the goal of the process is to not only develop a corporate plan but to have PDAM staff learn how to undertake making a corporate so that they won't be dependent on external assistance in the future. By the end of the quarter the PDAM was working on the SWOT Strategic Matrix for the technical aspects of the PDAM.

Census for PDAM Tirta Daroy. The census of customers and non-customers was almost complete by the end of the quarter. Over 19,600 houses had been surveyed with 400 houses remaining at the end of September. The major problem encountered in the census included incorrect customer information in the PDAM which led to confusion over data and an intensive cross checking process was needed. The census has required quite some time in completion initially data collection was hampered by bad weather and lack of experience on the part of data collectors. Both of these issues have been resolved.

Collaborations with BHS Partners. During the quarter ESP began working with DBE I. ESP delivered several trainings to school committees related to the importance of water and sanitation issues in a well functioning school. The training program that was implemented by DBE I was preparing school committees to establish development plans and allocation of funds. ESP also worked with a consultant from HSP in the development of their "Healthy Markets" program. Late in the quarter, ESP and LGSP were working together on a workshop for media related to environmental issues in Aceh.

Community Distribution Systems. At the same time that the watershed management team was working with the communities of Blang Lambaro, Jantho Bare and Jruék Balee to develop community-based nurseries and watershed management plans, the services delivery community team was helping these villages to design and build water distribution systems. This activity has actually spanned two quarters and it will still take another month to get the systems installed.

Sanitation Clinics. The "sanitation clinics" program was developed in the Meulaboh area. The program is designed to reduce and/or prevent communicable disease that result from poor sanitation and lack of clean water. ESP is collaborating with CRS and the Health Department to prepare Puskesmas to deliver extension programs in their areas related to water and sanitation. ESP is providing training and technical assistance to Puskesmas sanitarians to improve the situation in selected villages in three sub-districts, Meurebo, Sama Tiga and Johan Pahlawan.

World Bank. The World Bank contacted ESP to assist them with community organizing in four communities in Meuraxa, Banda Aceh and two more communities in the Meulaboh area. The focus of ESP work has been to assess communities' perspectives on water and sanitation and to develop community initiatives related to these issues, where the World Bank is financing housing construction.

Sustainable Sanitation. The sustainable sanitation program which was initiated during the previous quarter is gaining momentum. Over the present quarter follow-up has been done with Buddha Tzu Chi, CRS, American Red Cross, and Habitat for Humanity. The result is that the groups are committing themselves to building sustainable sanitation systems. If they do so, 5000 to 10,000 sustainable systems will be built.

Lamkruet and Nusa. In these two villages ESP has started up solid waste management programs. Village organizations were established to give a base to the solid waste program. Next people encouraged to engage in regular village clean-up activities, "Clean Fridays". Promotional campaigns have been done to raise awareness around the issue of solid waste

(children's drawing contests for example. Also training has been done on using solid waste to make handicrafts.

During the quarter the sub-surface wetlands were also completed. Some 200 meters of drain was installed to carry water from the wetlands away from the village. Wastewater now flows through the system and away from the housing area. The Perfector was installed and is now pumping clean drinking water for the people of Lamkruet. The management team from Lamkruet is operating the perfector and people are using the water.

SECTION 2.2.

NORTH SUMATRA

INTRODUCTION

Improved strategic focus and strengthening of community-based programs: The ESP North Sumatra program has invested a great deal of time and effort into laying the foundations for community-based programs, and over the last three months the results and benefits of these investments have begun to accrue. Additionally, the ESP North Sumatra program has laid the foundation for further expansion of activities at the community level through the development of 7 collaborative Small Grant proposals for initiation during the coming year. ESP has worked with local NGO partners from the concept stage to develop sets of activities that will fit well into the overall ESP program portfolio, effectively multiplying the 'hands' that will tackle issues of watershed management, agro-forestry, and hygiene behavior change.

In the upper watershed areas, the Farmer Field School program in Semangat Gunung and Doulu villages literally began to bear fruit as farmers are now harvesting their first crops of organic tomatoes, something thought 'impossible' previously in an area where farmers spend millions of rupiah per plot per season on insecticides and fungicides. This upland non-polluting, ecological agriculture complements the downstream ecological rice production already achieved by other ESP partners. These and other efforts will be broadened with the addition of 6 new Field Assistants who have just completed training in West Sumatra for **conducting integrated Watershed Management Field Schools** and who have now returned and are beginning orientation work in Karo and Deli Serdang Districts. Work will be targeted to strategic sub-DAS area for greater impact. As an umbrella activity, the Deli River Action Network finalized its Action Plan and will continue to bring a range of stakeholders together through 'roadshow' activities all aimed at improving the Deli river watershed from *hulu* to *hilir*.

More **access to clean water for the poor** came on line in July in Sei Mati and Kampung Baru areas of Maimun, Medan. Through a small grant to the NGO Jaringan Kesehatan Masyarakat ESP helped design another hybrid system bring clean water right into the houses of the urban poor. ESP also facilitated cross visits to other community managed systems both upstream and downstream in order to explore 'best practices' in local water management. In terms of PDAM water provision, during this period two major programs were developed with PDAM Tirta Wampu in Langkat and PDAM Tirta Nauli in Sibolga. These activities in optimizing water distribution and rehabilitating treatment plants will begin in the next quarter and involve a total **co-financing from local governments of Rp. 1.4 billion**.

Hygiene and sanitation behavior change programs and supporting media campaigns continued apace in this quarter, as hand washing with soap, *Air Rahmat* point of use systems, and solid waste management become standard features in all ESP community programs.

REGIONAL ACTIVITIES

More Water for the Poor in Maimun, Medan: the communities of Kampung Baru and Sei Mati in Maimun, Medan lie on the banks of the Deli River and its tributary the Sei Mati. Typical of poor urban communities, many of the 370 families residing in this flood prone area have lived there for more than 20 years without access to clean water. They draw water from shallow wells or use heavily polluted river water for most of their water and sanitation needs. Only a few families have toilets.

ESP has been working with and through the NGO *Jaringan Kesehatan Masyarakat* (Community Health Network) to organize these communities to construct and manage a hybrid clean water system that will be the starting point for broader hygiene interventions in the area. As such, the building of this system is the first step in ESP's 'Clean, Green, and Hygiene' strategy for urban *kampung* in Medan. As community capacities are established to run the distribution system, ESP provides training in health and hygiene, solid waste management, and composting training. In coming months this program will be expanded to include community managed sanitary facilities (MCK) as only a few families have toilets; plus training on clean water preparation, use, and storage.

This is a 'hybrid' community system, where the water is sourced from a main pipe from public utility PDAM Tirtanadi while the community then manages a piped system to household clusters. The system serving 105 households and 600 persons was officially opened on July 27th by Theresa Tuano of USAID.



ESP MEDAN/ NORTH SUMATRA

Mr. John Borrazzo of USAID Washington is talking to Bpk. Hasan, the Community-based Water System Manager.

Cross-Learning Continues as ESP sites grow in number and mature the opportunities for cross-learning, and increasingly 'cross-facilitation', continue to grow. A training was held in Maimun with JKM that brought together persons from several sites and organizations including farmers from the WBP in Deli Serdang to share their skills in composting,

community facilitators from Tembung to demonstrate systems for solid waste management, re-use and re-cycling, plus women from the Sunggal SPS with experience in community water provision. This cross-learning is also 'hulu-hilir' as community members involved in water management from urban Medan traveled to a workshop in mountainous Karo District to meet with existing community-based water managers from a range of system types in order benefit from their years of experience with community-based systems.

A New Round of Small Grants Come On Line

One of the most successful aspects of the North Sumatra ESP has been the use of strategically placed small grants to broaden the reach and effectiveness of the ESP program. Over the last year the 4 original small grants have been highly effective yielding community tree nurseries in the upstream area (OIC), access to clean water for the poor in urban Medan (SMI and JKM) and generating the first ever Collaborative Management Agreement for Mangrove Forest Conservation(YARL).

During this last quarter 7 Small Grant proposals were developed from selected concept papers and submitted to ESP Jakarta. Of these 5 have been submitted and approved by USAID. At this writing, 3 new Small Grant programs have received their first payments and are initiating their programs.

The small grants that have been approved and either have begun or will soon begin include:

BIS PEDULI, an NGO with specialist expertise in solid waste management, re-use, and re-cycling that provides training across sites as well as developing specific pilot activities at the community level for solid waste management. This solid waste expertise will greatly strengthen ESP's community level work in all locations.

PPAI, an NGO specializing in child protection and education issues will work with ESP in five schools to provide integrated sanitation and hygiene programs, including where necessary the provision of basic sanitaiton and water infrastructure. Their activities will be located in ESP program areas both urban (Medan) and upstream (Deli Serdang). It is hoped that these programs can increase collaboration with DBE I activities in joint areas like Deli Serdang.

PARAS is a well established NGO in Langkat that will anchor the mid-stream of ESP's DAS Wampu activities for the coming year. The program will be integrated ala ESP and combining two major components of community water supply and forest rehabilitation.

Yayasan Leuser Lestari is an NGO with long experience in conservation advocacy and protected areas management. Their program will complement ESP efforts to lay the groundwork for the improvement of the management of the TAHURA Bukit Barisan straddling Deli Serdang, Karo, and Langkat districts.

PALAPA is one of the few conservation and community development NGO's based in Karo District. The program envisioned will engage boundary communities in agro-forestry, land rehabilitation, and livelihoods programs complementing ESP's *conservation village* initiatives and WSM Field Schools in nearby areas.

Collaboration with JBIC Moves Forward in Tembung

Activities in Tembung, one of the largest sub-districts in the country with over 300,000 residents, on community-led solid waste management continues to move ahead. Initial activities included participatory review and revision of Village Waste Management

Regulations, organization of mass clean-up actions, training in composting and nursery establishment, training in health and hygiene, cross visits to other programs and sites, and creation of a pilot trash separation system where the community itself helped to fund a 'becak sampah' (trash tricycle).

During this quarter activities were solidified through the work of MAPEL, *Masyarakat Peduli Lingkungan* (The Community Caring for the Environment) a community based group that has proven to be effective at organizing community programs, and even providing technical training in solid waste management, recycling, and composting to other communities in the Medan area.

Workshops and training programs have expanded to include informational campaigns with a variety of community groups such as Mosque youth groups and local primary and secondary schools. The waste collection and separation effort is being expanded to 200 households from the current 40, and MAPEL activities have gotten the attention of the Camat (sub-district head) who actively supports the program and has asked for MAPEL, with ESP's support, to assist in providing training and support on environmental sanitation and hygiene to other villages in the sub-district.



ESP MEDAN/ NORTH SUMATRA

Theresa Tuano of BHS-USAID and the Camat of Percut Sei Tuan are attending an ESP sanitation campaign at a local school in Tembung.

ESP and JBIC have met regularly on the progress of the program, and JBIC staff have participated in training sessions on community organizing, community media, and community solid waste management systems. The 'hardware' component from JBIC including waste disposal boxes, transfer terminals, community center, handcarts, and armroll trucks to be operated by the Sanitation Service of Deli Serdang, is now coming on line and should be active during the next quarter to link-up with community-based efforts.

OTHER HIGHLIGHTS

- **Discussions on Corporate Social Responsibility and Environment Services** were held with a number of private businesses. DANONE is discussing with ESP efforts for forest and watershed rehabilitation in upstream areas as part of its CSR work. ESP North Sumatra also provided base data for a new study on **Payment for Environmental Services** that will use the Deli River basin as one of its cases.
- **Farmer Field Schools in Doulu and Semangat Gunung** have succeeded in training farmers to produce organic tomatoes in their own fields. For the first time these farmers have been able to produce vegetables without releasing heavy loads of fertilizer and pesticide pollution into the Sei Petani at the very top end of the Deli River watershed. During this quarter a number of farmers were also trained as ‘petani pemandu’ (farmer facilitators) so that farmer-to-farmer dissemination of organic methods can begin within the community. In nearby Barus Jahe in Karo, the agro-forestry farmer-led research on citrus tree pests concluded its first session with a number of findings that can improve crops and reduce pollution loads on the environment.
- **Handwashing with soap campaigns continued in 6 POSYANDU plus local elementary schools and Madrasah in urban Medan communities.** Hand washing with soap continued to be promoted across ESP activities, from urban settings to rural agricultural programs in Deli Serdang and Karo Districts.
- **Micro-credit for increasing access to clean water:** ESP North Sumatra has explored the use of micro-credit schemes via BRI and involving PDAM’s in Medan, Langkat, and Karo. In initial internal workshops with each PDAM they expressed enthusiasm for the idea and believe it will help them reach more subscribers more effectively while opening up the door for poor families to obtain household connections.
- **Workshop on community-based water supply:** one important approach to providing access to water for the poor is community-based systems. In more rural areas such as Karo District, a wide range of management systems have been tried with success, including cooperatives, individual contracts, and ‘leasing’ systems. A workshop was held involving Kota Medan urban groups designing their own management systems in order to compare the advantages and disadvantages of the various approaches.
- **Theresa Tuano officially opened the Community-based Water Supply Systems in Sei Mati and Kampung Baru** in Medan in July. This system serves over 800 persons through a ‘hybrid’ system with all household connection and water taps managed by the community. This is an entry point for further hygiene and sanitation work in the area.
- **ESP helped BAPEDALDASU prepare for the final event in July of a series of Provincial Environmental Days** held. This wrap-up event was held at Prapat, Danau Toba and was officially opened by the Governor of North Sumatra. ESP stands and presentations were on the theme of ‘water for life’ and the ESP’s ‘Blue thread’ strategy.

- **An Interactive Radio talk show on Corporate Social Responsibility** was held involving the head of BAPEDALDASU and corporate CSR officers on the topic of protecting the Deli River Water Resource.
- **ESP Health and Hygiene staff participated with Save the children YAKMI, and SWS** in the National Children’s Day for handwashing with Soap campaign involving students from 20 sub-villages in Kota Medan.
- **A Public-Private Partnership between ESP, the FMPS in Sibolangit, and Aquaculture company PT. Berlian Unggas Utama** was undertaken in Namoranbe for fresh water aquaculture and water quality conservation. This program will work to strengthen livelihoods while adding impetus to the maintenance of clean water supplies and pollution reduction.
- **Participatory Mapping Training with communities in the upper Deli River watershed** were held as initial preparation for more intensive watershed management activities planned for the coming quarter that will require good information on critical land. Local partners KERINA and FMPS were the main participants
- **The Community-based WATSAN program officially began** as BORDA-BEST staff opened and office. A series of meetings have been held to review strategies, plans, and sites and coordinate with local government in both Medan and Deli Serdang.
- **The JAS Deli Watershed Management Action Plan was completed and launched** via ‘road show’ activities and public discussion with Government and NGO partners in Medan as well as with upstream rural communities (KERIMNA) in Karo and Deli Serdang. The Head of BAPEDALDASU intends to present the Action Plan to the Governor of North Sumatra.
- **A Workshop on’ Women’s Empowerment and Sustainable Water Resources’** was held involving women from Medan urban kampungs Aur, Sei Mati, Kampung Baru, Percut, Labuhan Belawan, and Sunggal. This included village cadre from HSP and Save the Children work areas. The workshop was opened by the Bureau Chief for Women’s Empowerment of the Governor’s office. Discussion on possible follow-up included meeting with the Pediatrician’s Association of North Sumatra and the Kids’ Cancer Society.
- **ESP health and hygiene personal joined with Save the Children in the Hand Washing with Soap Task force** that will help to coordinate and synergize between the various agencies working on HWS campaigns. Initial coordination involves programs on training of trainers and for the joint development of materials.
- **ESP Medan hosted the Annual Planning Process for ESP Sumatra-NAD.** This was a month long participatory process beginning with ‘visioning’ sessions review the meaning and importance of ESP programs, and proceeding to regional and ‘Island’ based discussions and planning before the plans were compiled at a central level. This process give much more emphasis to site-based integration of ESP components and collaboration with ESP Partners.

SECTION 2.3.

WEST SUMATRA

GENERATING AN EXIT STRATEGY

INTRODUCTION

The West Sumatra ESP Office was officially closed on 30 September 2006, and during the three months leading up to this phase-out much of the work of the office focused upon completing the basic groundwork for sustainable watershed management activities in Kota Padang.

Additionally, the West Sumatra ESP team developed plans wherein residual activities after office closure can increase the possibility of sustainability for the ESP initiatives in West Sumatra.

- A number of major achievements marked this period, allowing the West Sumatra ESP program to wind-up activities with a strong sense accomplishment.
- The FORUM PEDAS community watershed forum underwent an intensive organizational capacity development program, culminating in their attainment of legal body status that will enable them to more easily access government resources and enter into working arrangements with other agencies.
- FORMULA DAS, a multi-stakeholder watershed management forum for Kota Padang was officially launched on 27 September after a series of joint upstream-downstream meetings of stakeholders and community members led by FORUM PEDAS.
- A Small Grant program was initiated with LP2M, an NGO working with public health and hygiene issues and well known for its activism in the area of women's empowerment.
- ESP West Sumatra successfully hosted the 11 week TOT for Watershed Management Field Schools at the BPTP (Balai Pengembangan Technology Pertanian) in Solok involving 27 new ESP Field Assistants plus 9 trainees drawn from partner organizations.
- The Safe Water Systems program was also initiated in Kota Padang through training from the membership of Forum PEDAS wherein local community members will become involved with the NTR (non-traditional retailer) program to spread the use of point of use Air Rahmat treatment.
- Collaboration between the Government of Kota Padang, ESP and BORDA was also officially launched to begin implementation of community based sanitation facility development.
- Finally, a 'Farewell and Buka Puasa' was held on 27 September coinciding with the launch of FORMULA DAS. Over 100 people representing a cross-section of the Padang community attended this event.

INTEGRATED REGIONAL ACTIVITIES

FORMULA DAS: The Multi-stakeholder Watershed Management Forum for Kota Padang (FORMULA DAS) grew out of the anxiety of citizens over clean water supply and the threat of flooding. Even though Kota Padang has a majority of its total area in forested hills, the rate of population growth is putting severe demands upon clean water availability

ESP's partners in working on this creation of this forum were Forum PEDAS which made sure that any forum would have strong community-based representation due their activism and networks across the 3 major DAS in Kota Padang, and the PSI-SDALP (the Irrigation Research Center of the Natural Resources faculty of Andalas University) to bring upstream and downstream parties together to discuss and analyze the viability of a joint forum. A multi-stakeholder workshop on 22-23 September finally generated the basic document that has been formalized and submitted to the Government of Kota Padang for signing by the Mayor. The basic program of FORMULA DAS is to facilitate consultation across stakeholders concerning issues related to watershed management. This forum will work to link upstream and downstream interests while providing recommendations to government on problems and possible solutions. The end goal is the more beneficial utilization of available natural resources, especially water.

The underlying community-based action program was developed by the Forum PeDAS through a series of meetings running from June through September where the organization created a strategic plan, organizational regulations, and a 5 year action program to run from 2006-2011. Legally, Forum PEDAS is now a Federation bringing together networks in 3 major DAS in Kota Padang. A number activities have already been undertaken in collaboration with ESP including community based training in ecological rice production, compost production, dry season *palawija* cropping, conservation cropping, and seed management. In one location, these activities have culminated in an 'Organic Agriculture Farmer's Lab' with compost and micro-organism (decomposers) production, organic vegetable field trails and production, and tree nurseries.

The Forum PEDAS program also includes 3 "learning labs" that have created community tree nurseries for agro-forestry development and land rehabilitation and one 'Organic Agriculture Farmers lab'. These 'learning labs' have also undertaken work on environmental health and sanitation including water filtration and purification, handwashing with soap campaigns with schools, development of mixed forests in upstream agro-forestry areas, and maintenance of healthy rivers including bans on waste disposal and damaging fishing methods in local rivers.

FORMULA DAS and Forum PEDAS have received strong support from local government agencies including BAPPEDA, Agriculture, Forestry, and Health. Additionally, Andalas University has proven to be a good partner agency. With the official launch of FORMULA and that attainment of legal status of Forum PEDAS many opportunities exist in the coming years. West Sumatra now is struggling to develop its own approaches to poverty alleviation and natural resource management based upon traditional values and institutions such as the Nagari. Many see the participatory, bottom-up approaches utilized by ESP and its partners as being able to contribute to development model building for West Sumatra.

The Exit Strategy for ESP Sumatra: while ESP is closing its office and releasing all staff, it will make good on its existing commitments to communities, NGO's and Government over the coming months. The residual activities that will be supported on a small scale by ESP until completion are:

Community-based Sanitation: the Government of Kota Padang has already committed budgetary funds to the building of one pilot community-based sanitation program. ESP's work with BORDA has already begun, and this continuing work will be managed by the Kota Padang Working Group on sanitation. ESP is providing a matching grant for the development of this unit.

Watershed Management Field Schools: a limited number of WSM Field Schools will be implemented in the 3 DAS of Kota Padang by 4 of the just-graduated Field Assistants. Some of these Field Schools will build directly upon the work of Forum PEDAS in community tree nursery establishment for land rehabilitation and improved agro-forestry. The Field Assistants will be supported by Forum PEDAS and field personnel from the Provincial Agriculture Service. The Field Assistants will work from ESP partner NGO WARSI that has already been active in tree nursery development.

LP2M Small grant: this small grant will provide support to LP2M sanitation and hygiene promotion activities, providing the 'hygiene' part of the 'clean, green, and hygiene' program in Padang. This program will coordinate with activities of Forum Pedas and with the city Sanitation Working group to create the most possible synergies.

OTHER HIGHLIGHTS

- Ecological Rice Production was undertaken in Farmer Field Schools by persons from 10 villages from the Forum PEDAS. In Limau Manis in Batang Arau, organic vegetable production has also started alongside tree nursery development.
- Hand Washing with Soap and Air Rahmat: the three 'learning labs' of the Forum PEDAS carried out hand washing with soap campaigns in their respective communities in late July. On 25 and 26 July 2006 hand washing activities were integrated with Safe Water System discussions as a follow-up to discussions with Forum PEDAS concerning access to clean water, and ways of treating local water supplies to make them safe and drinkable. One Forum PEDAS group experimented with developing water filtration system for their well water, followed up by purification with *Air Rahmat*. Finally, a sales training was held for Forum PEDAS members supported by an SWS team from Jakarta on 12 August, 2006
- Land and forest rehabilitation activities: continued through collaboration with the Provincial Plantation Service providing a total of 10,000 cacao seedlings to community tree nursery programs in Batang Kuranji, Batang Air Dingin, and Batang Arau watersheds. Additionally, as part of the Kota Padang 'Clean, Green, and Hygiene' work plan ESP worked with the city Forestry Office and the boy scouts of west Sumatra to plant 1,000 trees along the Batang Arau river in late August.
- Water Conservation Media Campaigns were also executed in collaboration with the Association of Independent Journalists (AJI) of Kota Padang. Activities included a talk show on TVRI and Radio ProNews FM. Also conducted were public forums and 'road shows' in September on the topics of environmental services in collaboration with various NGO's, AJI, and the Padang Express Newspaper.

- FIELD Day for the ESP WSM Watershed Management TOT: ESP West Sumatra also supported the organization and implementation of a FIELD Day wherein community groups came together under tents to set-up and present displays highlighting the results of their work via Field Schools. This program has attracted the attention of the local government, and talks are ongoing concerning local Solok district support for follow-up activities in communities for water resource management.
- National Workshop on Strategic Planning for Urban Sanitation: ESP of West Sumatra in collaboration with the Government of Kota Padang is now beginning community based sanitation efforts. Related to this a number of key persons from West Sumatra attended a national level workshop in Jakarta on 23-24 August. Participants included: Firdaus Jamal of Padang ESP, Ir. H. Emzalmi, M.Si of Bappeda Padang, Ir. Yulfis Hendri, MTP of Bappeda Padang, Ir. H. Amda Rusdi, MT of LATI Unand, Ir. Suarni, Msc of LATI Unand and Ir. Anida Kristini of Planology office of Kota Padang.

SECTION 2.4.

DKI JAKARTA

INTRODUCTION

Integration with other USAID partners is the key to ESP activities in DKI Jakarta. Nearly all programs were carried out in partnership with HSP, SWS, ASA, DBE and FSN partner organization, Mercy Corps.

An important USAID integrated site is Petojo Utara, Central Jakarta, where ESP is supporting a hygiene improvement through MCK rehabilitation program, together with Mercy Corps. ESP provides the software for the technical design of an MCK with a proper wastewater treatment facility, while Mercy Corps commits funds for the hardware. After series of discussion with the community all parties agreed to start the construction after the fasting month of Ramadhan, end of October 2006. Petojo Utara is also interesting site for journalists and other ESP components. In July and September, ESP DKI Jakarta helped to arrange site visits for BHS/USAID Indonesia representatives and for Mr. John Borazzo of Health Bureau, USAID Washington. ESP DKI Jakarta also supported a POC side event during an SD workshop on Sanitation Strategic Planning for local government representatives. In order to bring the issue at national level, journalists were invited for a site visit to Petojo Utara. Three electronic media aired a program regarding the respective issues in their news report.

As part of an outreach and communication program, ESP DKI Jakarta supported POC campaigns on water conservation for the commemoration of World Water Quality Monitoring Day, which was organized by Forkami, a local NGO. This event involved other parties: TPJ and NZAID. The first phase has been completed in September. Two community awareness raising programs in Kelurahan Cawang and Kelurahan Bali Mester, East Jakarta were attended by 70 participants both men and women. Water quality testing and seminar were two activities that had received positive response from the participants and the media. Three respective articles were published in national newspapers. The second phase of the campaign will be conducted in mid-November.

ESP DKI Jakarta was as well very active in participating and supporting programs of other organizations. ESP joined a site visit and field observation to one of AusAID funded program through Waspola in Desa Cisalada, Kecamatan Cigombong, Bogor. The program was called Community Led Total Sanitation (CLTS) which was implemented by *Air Minum dan Penyehatan Lingkungan* (AMPL) Working Group, chaired by BAPPENAS. It was an interesting program where ESP could learn from their experience and able to bring external expertise and best practice into ESP program. ESP also participated in Waspola funded workshop on Water and Sanitation Communication Strategy organized by Forkami.

Besides participating in the ongoing activities of other organizations, ESP also shared its experience and findings with partner institutions. The result of Formative Research which was conducted in two locations: Kelurahan Jembatan Besi and Kelurahan Petojo Utara, was shared with Mercy Corps, SWS and HP3/IDRC program. It will enable other organizations to oversee their programs and help them to employ an appropriate implementation plan

ensuring a message will reach the target group effectively. The results were also shared with the respective communities. Positive feed backs were collected from the community leaders. They were able to see what had been missing and what need to be improved related to health and hygiene behavior. In response to those inputs, ESP, SWS and MC supported a community initiated program on hygiene improvement campaign which was held as part of a commemoration of Indonesian Independence day.

Another notable collaborative program between ESP, Mercy Corps, URDI, Swiss Contact and the City Team, called HP3/IDRC officially started in July 2006. To continuously support this program ESP has been very active in providing information and sharing findings based on ESP experiences in all other regions. In August, ESP presented water and sanitation issues in Jakarta during a training for the HP3 Project Implementation Team (PIT).

Public-Private Partnership (PPP) was also initiated in this quarter. With Coca-Cola Systems Indonesia, DAI/ESP and JHU-CCP/SWS collaborated in conducting the Community Watershed Partnership Program (CWPP), funded by Coca-Cola International and USAID under the umbrella organization the Global Environmental Technology Foundation (GETF).

REGIONAL ACTIVITIES:

Community Watershed Partnership Program (CWPP). DAI through ESP are working in partnership with JHU-CCP through SWS and Coca Cola Systems Indonesia with local community in Bekasi, to improve public awareness of water conservation practices, to promote hygiene behavior linked to water and sanitation practices by introducing simple methods and to improve stakeholders’ capacity to understand and commit to long term sustainable option for better water supply. The program will run for 8 months until end of April 2006.



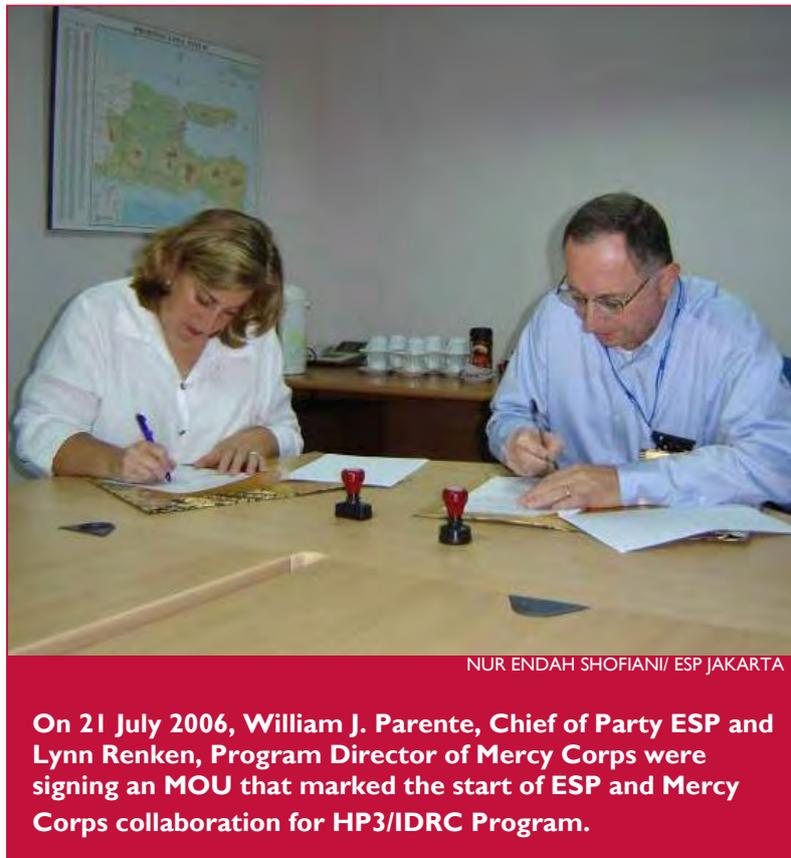
NUR ENDAH SHOFIANI/ ESP JAKARTA

Head of Dusun in Kalijaya was demonstrating the use of hand pump to draw water from unprotected shallow well, which was located next to a drain that clogged with garbage, an outdoor public bathroom and a washing area.

Two communities in Bekasi are selected with different target groups. School programs will be conducted in two elementary schools in Sukadanau village and a community based program will be done in Kalijaya village. Based on site assessment results, both communities are currently implementing poor water and sanitation practices. Most of the shallow groundwater wells are not protected and subject to contamination of the surface water and the majority of the houses do not have proper sanitation system. Open defecation is a common practice in Kalijaya.

This program officially started in September and two full-time staffs have been appointed. Work plan, success indicators and strategy had been developed along with an integrated community assessment tool for baseline/endline data collection and surveys which will be started early October. The team has successfully gained support from the local government, including Camat, Kepala Desa, Dinas Kesehatan, Dinas Kebersihan and also local community organization.

Healthy Places, Prosperous People (HP3/IDRC Program). This program, which was started in July, is now finalizing the first phase of its 3 years program. Prior to the implementation of the program, ESP and Mercy Corps signed an MOU agreement that marked this new collaboration and shared commitments.



A desktop review of water supply, sanitation and solid waste conditions has been documented along with some recommendations of potential intervention and contribution. A study of community profile, including socio-cultural, political and environmental condition, was also conducted during the first few months in three targeted poor communities in Kelurahan Penjaringan. From water supply view point, it was found that the poor pay more for water supply, both for informal and formal water providers than the rich, resulted in use of multiple and questionable water supply sources, which imply to a high prevalence of water-related diseases. Similarly, improper sanitation and solid waste handling had caused high tolerability to dirtiness.



FARAH AMINI/ ESP JAKARTA

Children were lining up for their turn to wash their hands. “Use soap and wipe your hands with clean and dry towel after.” A community cadre assisted the children to do the hand washing.

soap and safe drinking water. Groups of children competed a yell or a song related to the messages. Four winners received a free constructed hand washing station in their neighborhood.

It was an effective way to convey a message. The children will carry the message home and share it with their family and friends. Their enthusiasm and ability to absorb the message are fascinatingly very fast. It was proven when the cadres conducted a quiz, many children raised their hands to get a chance to answer the question.

Petojo Utara 7K Family Fun and Healthy Walkathon: Clean Kampung, Healthy Kampung! To celebrate Indonesian Independence day, on 27 August 2006, 2,800 people from RW 08, Petojo Utara, Central Jakarta participated a community initiated walkathon. ESP, SWS and Mercy Corps incorporated three messages into this event: waste separation, hand washing with soap and chlorination as an alternative for safe water system. The Mayor of Central Jakarta, Drs. H. Muhayat fully supported the event and flagged the start of the march together with Camat Gambir, Drs. H. Junaidi, and Lurah Petojo Utara, Suhardi Masdar, SH. Hundreds of school children and their parents enthusiastically collected organic and non-organic garbage during the long march and put them into a separated waste bins that were placed at the finish line. A hand washing station located next to the bins was also full of children lining up to get their hands cleaned of the dirt after collecting the garbage.

After the long march, children and parents gathered in front of a podium where ESP, Aman Tirta and Mercy Corps staffs were conveying a message of waste separation, hand washing with



NUR ENDAH SHOFIANI/ ESP JAKARTA

Children were singing a song of a healthy life message: “One: pour the water over. Two: wash with soap. Three: clean with water. One, two, three: our hands is clean!”

OTHER HIGHLIGHTS

World Water Monitoring Day: Save Our Water! ESP, TPJ and NZAID are supporting a Forkami organized campaign on “Save Our Water”, conducted from August to November 2006. The first phase has been completed in September. Two community awareness programs were conducted in Kelurahan Cawang and Kelurahan Bali Mester. The participants brought a bottle of clean water that they use at home to be tested by Forkami staffs. After receiving the result they were very excited to get some explanation. High metal content, such as iron and manganese is the major problem of water quality in both communities.



FORKAMI JAKARTA

Officials of Kelurahan Cawang were giving an opening remark during a community awareness raising campaign.

Ms. Ida Dahliawati, a senior lecturer from a private university, ESP/STTA and Ms Irma Setiono of USAID as resource persons provided explanations on sources of contamination for piped water and shallow groundwater, from human activities into natural metal content in the sedimentary rock layers. Many women asked questions how to prevent their water source from contamination and to keep their drinking water safe from *E. Coli*.

SECTION 2.5.

WEST JAVA

INTRODUCTION

During this Quarter, the West Java Team focused on ensuring the achievement of ESP annual targets of outcomes and deliverables, as well as work planning for the coming year.

Watershed Management and Biodiversity Conservation activities led to strengthening of community capacity and building links between community cadres and multi-stakeholder WSM groups primarily through community Field Schools to support land rehabilitation and forest conservation. 25 community representatives from 13 villages Sub Das Cikundul – Cilaku actively participated in a 14-week tree nursery Field School (FS) training of trainers (TOT). The FS TOT developed tree nursery management techniques including composting and organic fertilizer techniques, as well as tree seedling maintenance and propagation techniques. The FS TOT resulted in the propagation of 130,000 seedlings ready for planting and currently being planted-out on degraded areas near river banks as well as on degraded land adjacent to protected areas and protection forest. In Subang, the Multi Stakeholder Forum was also active, facilitating tree planting activities in Taman Kota Kecamatan Subang. Additionally, Cianjur partners completed a WSM Action Plan and Subang partners made great strides toward completion of their WSM Action Plan.

ESP provided on-going technical support to PDAMs in Kab. Sukabumi, Kota Sukabumi, Kab. Purwakarta and Kota Bandung. The NRW program at PDAM Kab. Sukabumi was a success, as it led to a savings of 3 l/s water production, or enough water to serve 300 potential household connections. Much of the savings were realized in the Cibadak water supply

system, where about 129 household connections has water losses around 70 % and production capacity 8 LPs.



ESP BANDUNG/ WEST JAVA

K3A, ESP partner in Bandung, West Java conducted a workshop on “Roles of Media in Water Source Conservation.”

During this Quarter, ESP’s POC group extended its journalist network. Fifteen journalists joined together with ESP and our local NGO network (K3A) to launch the ‘Environmental Journalism Network’ of West Java. Us Tiarsa, the Head of the West Java Branch of the Indonesian Journalists Association (PWI), as well as two government officials acting as resource persons, actively participated in an ESP-sponsored writing workshop that provided

information and ideas to local journalists regarding issues of water, health and environment in West Java. This is a significant accomplishment for West Java. Reporting on water, health and environment issues increased significantly as a result of this workshop and the formation of this network. This is especially evident in *Pikiran Rakyat*, a newspaper that has committed to be an active ESP partner now and in the future.

Finally, the ESP finance micro credit program successfully signed a Letter of Agreement between PDAM Kab. Bandung and Bank Rakyat Indonesia's Cimahi Branch to provide micro-credit for PDAM household connections. This will soon result in household connections for an initial 400 households, benefiting 2,000 people, in Kec. Cimahi.

REGIONAL ACTIVITIES

Land Rehabilitation Program, The Tree Nursery FS TOT for participatory forest and land rehabilitation took place from July – October 2006 in 2 villages, and involved 5 farmer groups, represented by 30 farmer leaders. The activity also involved government representatives responsible for Cianjur's RHLP land rehabilitation program, including representatives from PK, Dinas Perikanan, Dinas Peternakan and Bapeda Cianjur. Also for support the RHLP program ESP with government had twice event workshop. Besides regular FS activities, there were also two important workshops held. On September 11 – 12, a workshop was held to share experience among community and farmer leaders with government representatives. During this workshop, farmers facilitated by ESP presented their plans and generated support from government for follow-up actions. During the second workshop, on September 29, farmers, government and private-sector representatives discussed how best to engage the private sector in supporting development of alternative community livelihood for conservation villages in the buffer zone of TNGP. This workshop was a follow-up of the newly-formed water users partnership program in TNGP. The TNGP water users' forum, TNGP and ESP agreed to support the development of conservation villages adjacent to TNGP. It was agreed that four conservation villages would be developed in 2007, and supported by cost sharing from PHKA. This initiative will contribute to initial phase of a Payment for Environmental Services (PES) model in TNGP.

Community Activities in Subang, Community activities continued in Ciasem, Cipunagara, and Cimalaya watersheds in Subang, specifically in the following locations:

No.	Village	Sub-District	Watershed
1.	Cijengkol	Sagalaherang	Ciasem
2.	Sukamandi	Sagalaherang	Ciasem
3.	Cinta Mekar	Sagalaherang	Ciasem
4.	Cikujang	Sagalaherang	Ciasem
5.	Ponggang	Sagalaherang	Cilamaya
6.	Curug Rendeng	Jalan Cagak	Ciasem
7.	Cijambe	Cijambe	Cipunagara

Community field activities focused on improving natural resources management through land rehabilitation and forest conservation. Community groups met biweekly, and engaged in a range of Field School actions to improve local natural resources management:

I. Community nursery management with observation, analysis, and follow-up actions:

- **Observation:** In the observation stage, the community group facilitated by a local facilitator worked in small groups to observe field realities, and to collect information about the condition of the plants, soil, weather and other agro-ecosystem components. This activity is aimed to stimulate participants to develop observation techniques so that they can get more complete and comprehensive information



- as part of an informed decision making process.
- **Small Group Discussion:** Based on the data gained from field observations, the participants discussed and analyzed the field situation through mapping the agro-ecosystem situation. From this analysis they can draw conclusions on the progress of the plant growth and health and agro-ecosystem health every two weeks.
- **Presentation of the Result of the Observation:** In this activity, each small group trained themselves to present their data, analysis and recommendation.
- **Discussion on the Result of the Observation in the “Hampanan”:** The discussion is done in a large group to determine a conclusion and agreement on action to be done. The conclusion is drawn based on the data and analysis from the small groups.
- **Problem formulation:** This will be used as a basis for determining the action needed to be taken.
- **Follow-up planning:** this session is aimed to determine the plan for doing action to solve the problems in the field.

Community Nursery Data from Subang, West Java

No	Kecamatan	Village	Group Name	Number of Members	Progress of Seedling Production		
					Total	Height	Species
1	Sagalaherang	Ponggang	Ponggang Jaya	19	6,700	10 - 25 cm	Albasia
		Cikujang	Kujang Mukti	25	22,757	20 - 30 cm	Albasia
		Cinta Mekar	Mekar Mukti	31	7,430	30 - 60 cm	Albasia, Durian, Avocado
		Cijengkol	Cinata	21	3,700	10 - 20 cm	Albasia, Salam
			Cihampelas	20	6,700	3 - 25 cm	Albasia, Petai
		Sukamandi	Sampai Wargi	14	6,500	10 - 25 cm	Albasia, Surian, Coffee
			Mulya Jaya	18	4,525	10 - 25 cm	Albasia, Avocado
Daya Mukti	14		5,100	10 - 25 cm	Albasia, Surian		
2	Jalan Cagak	Curug Rendeng	Menteng Jaya	15	4,340	20 cm	Albasia, Petai, Clove
			Jatimulya	21	3,740	5 - 40 cm	Albasia, Nutmeg
			Beringin Jaya & Giri Mekar	19	4,800	10 - 25 cm	Albasia
			Gemuruh	22	4,100	10 - 50 cm	Albasia, Petai
3	Cijambe	Cijambe	Giri Barokah	28	3,200	1 - 30 cm	Albasia, Mahogany
			Cipta Sari Alam	18	4,550	3 - 30 cm	Albasia, Durian
			Cinta Alam Dewi Asih	12	6,500	15 - 50 cm	Albasia, Mahogany, Petai
			Tani Makmur	21	1,325	10 - 40 cm	Albasia, Mahogany, Lengkung
			Total	318	95,967		

2. Follow-Up Actions Emerging from Action Plans

- A. Regular meeting of community group and network for capacity building.
- B. Dialog with multi-stakeholders to generate support for action plans, especially for tree planting for this planting season November 2006.
- C. Waste management initiatives at sub-village (kampung) level.
- D. Field work (mass action) for the water lining in household and irrigation, and Public MCKs.
- E. Organic farming activities in upstream areas to reduce pesticide use and change with integrated pest management system for the rice field.



3. Multi-stakeholder Support

- A. Multi-stakeholder Forum establishment in October 2005. Named: Komite DAS & LH.
- B. Field action by Multi-stakeholder in Cijamber Village as follow-up to the workshop, collaboration between Community Group, NGO, and Media.
- C. Tree planting in Taman Kota, Kecamatan Subang as a part of Strengthening Komite DAS & LH Workshop on June 26 – 28, 2006.
- D. Formulation of Action Plan 2007 in Sub-DAS Cileuleuy-



ESP BANDUNG/ WEST JAVA
Multistakeholder Forum of Subang is discussing a plan to manage sub watershed in Subang.

Cilamatan for improving nature conservation related to land and water as a program focus by multi-stakeholders. These activities conducted by representative of Community Groups, NGOs, and the Media. There were three workshops and field surveys (transect) held during this period.

Community-Based Solid Waste Management Program Stimulated by concerns raised by Bandung City’s solid waste management problem, local governments and community groups in Bandung, Cianjur and Subang have started to develop integrated community-based solid waste management programs. ESP is providing technical support to ensure success.

In Cianjur, a Community Group in Limbangan Village are developing a recycling and reduction program for their solid waste. ESP has initiated a SWSM Field School that brings the local community representatives together to learn about, analyze and develop solutions for solid waste management. Action plans currently under implementation look at recycling of solid waste, handicrafts development with plastic waste, and composting with organic waste. ESP is developing ways to incorporate community-based solid waste management into broader FS curriculum.



ESP BANDUNG/ WEST JAVA
Reduce, reuse, recycle with the women of Limbangan Sari Village in Cianjur.

In Subang, ESP is working with farmers and community members from Desa Cijambe (dusun Gintung, Dampit and Cisuusuh) on solid waste management activities. Following an information gathering and analysis process, farmers and community members are also pursuing recycling and composting activities to lead to overall reduction of solid waste in their village.

Community-Based Solid Waste Management Grant for Kelurahan Tamansari and Kabupaten Subang. In July 2006, a small grant to support community-based solid waste management was initiated in Kelurahan Tamansari and Kabupaten Subang. Before the program started in Tamansari Bandung, YBSS and KujBS made presentations about schedules and work plans for implementing CBSW in Tamansari. Some activities being done by KujBS include focus group discussions in RW 15 and RW 20. Results of this FGD led to the development of an action plan and training for community leaders in solid waste management Reduce, Re-Use and Recycle principles and community communications and networking. This training was attended by 30 participants.



ESP BANDUNG/ WEST JAVA

“Reduce, Re-Use and Recycle Training” for community members in Bandung and Subang.

CBSW activities in Cianjur cover 3 villages (Desa Nagrak, Sukamaju, Majukerta) and is being implemented by Forum Kota Sehat Cianjur (FKS). They have completed a Focus Group Discussion looking at problem identification, perception, potential of solid waste, and community organizing for CBSW. The community is currently working together to prepare a local policy for more effective solid waste management. Importantly, the Nagrag community used these results to develop an Independence Day Health and Hygiene Fair, building interest in and awareness of SWSM and health and hygiene issues.

OTHER HIGHLIGHTS



ESP BANDUNG/ WEST JAVA

“Media Relations Workshop” as a tool to strengthen relationship and improve capacity of local partners.

Strengthening the relationship with local partners ESP continues to develop good relationships with partners in West Java. At this point, there are programs and events for utilizing the relationship with all stakeholders, journalists, NGOs as well as local communities. ESP arranged capacity building specifically for NGO partners that commonly implementing various Multi Media Campaigns. 26 activists from 18 NGOs and community groups in West Java were invited to join in the media relations workshop. This event was attended by other POC specialists from ESP’s HPPs.

ESP also facilitated a successful workshop on Community Based Solid Waste Management in Kelurahan Taman Sari, Bandung. Workshop participants included community and religious leaders, PD.Kebersihan, BPLH, PDAM, Head of Kecamatan, Head of Kelurahan, Head of RW and head of RT. All the participants were interested in the presentation of WPL's Pak Yoga about lessons learned from behavior change initiatives with the community living along the Citarum.



ESP BANDUNG/ WEST JAVA

Community and religious leaders actively involved in a workshop on community-based solid waste management in Taman Sari Village, Bandung.

SECTION 2.6.

CENTRAL JAVA

INTRODUCTION

The provinces of Central Java and Yogyakarta are still in the recovery and reconstruction process from three local, but large-scale natural disasters: a volcano, an earthquake, and a tsunami. Against this backdrop, ESP conducted 7-week field schools in 15 villages in one sub watershed; implemented a multi-media campaign on water resource protection; supported a stalled community-based water supply forum and supported them to establish a cooperative and reenter into discussions with the local government; conducted training for community members on soil and water conservation and tree planting; conducted a 1-day clean and healthy school festival at 2 schools in the earthquake affected community of Jogonalan, Klaten; initiated discussions with two PDAM and BRI on a micro credit scheme to enable low income families to establish PDAM connections, and developed an annual Workplan for the coming year.

ESP has been responsive to the natural disasters by remaining engaged in the donor and local government water and sanitation coordination email list serves and meetings. But our focus has been on developing a strong foundation in the Tangsi sub watershed, which has largely been unaffected by the natural disasters. This quarter, ESP received strong support and encouragement from both the Bupati of Magelang and the Governor of Central Java for our ongoing work in Tangsi and planned expansion into Blongkeng (both subwatersheds of the Progo watershed). ESP continues to work with a Monitoring and Evaluation team, comprised of department heads from related local government agencies in Kabupaten Magelang, who observed the implementation of Field Schools throughout the Tangsi subwatershed. This is hoped to build closer linkages between the community-based planning and implementation of activities with local government planning and budgeting processes in support of local services.

REGIONAL ACTIVITIES

Promoting Clean and Healthy Villages: This past quarter, ESP completed the implementation of 7-day Field Schools in 15 villages in the Tangsi sub watershed, spread over an eight week period. The Field Schools culminated in a week long series of educational activities with the theme “Live Healthy, Take Pride in Conservation, and Develop Community Plans” (*Kampanye Hidup Sehat, Bangga Konservasi, dan Rencana Masyarakat*). The activities included: 1) a media tour to the 15 villages, 2) conservation and tree planting training for village facilitators in collaboration with the Yogyakarta Flora and Fauna Conservation Center (Pusat Penyelamatan Satwa Jogja), 3) an overnight environmental study tour for 50 students and teachers from 10 junior high schools in the lower watershed to visit the 15 villages in the upper watershed, and 4) a 1-day Field Day event in Sambak village where community members, village leaders, local and provincial government officials, and NGOs came together for a village celebration, conservation training, tree planting, litter removal, and hand washing campaign.

Field Day was one of the high points of the week-long events, which was attended by over 600 villagers from the 15 villages in the Tangsi sub watershed participating in the ESP program. A community festival atmosphere was created at Sambak Village in Tangsi that was multi-generational, multi-sectoral, and brought upstream and downstream communities

together. The events started around a large bamboo shelter, frequently used for community events. Then community members, village facilitators, and village leaders were joined by representatives from the local government of Kabupaten Magelang and the Province of Central Java as they wandered through informational booths located around a meandering path that wound through the village rice paddies, fish ponds, and forested areas. Each booth presented colorful, graphic posters of the 15 village's community plans developed during the Field Schools. Interactive displays also promoted water filtration systems, solid waste recycling and composting systems, the interrelationships between upstream and downstream communities, and hand washing with soap stations. Five local gamelan groups performed throughout the day as participants enjoyed local foods prepared by the Family Welfare Program (PKK). The main theme of the Field Day was promoting conservation and clean and healthy villages, which was supported through the reading and signing of a declaration, tree planting in the village, community prayer for water resources, and formation of the Community Cares about Tangsi Forum (Forum Masyarakat Peduli Tangsi or FORMAT LINTANG). The event closed with a large group litter clean up followed by hand washing with soap. Impressed by the activities of the Field Day, the Sekretaris Bupati Magelang commented that, "the event setting was unique, fun, and informative, and all members of the village, young and old, were involved". A fun day was had by all as they learned about each community's plans for improving the solid waste, sanitation, and water and land resources in and around their communities, and as they themselves practiced tree planting, proper waste disposal, and hand washing with soap.



ESP YOGYAKARTA/ CENTRAL JAVA

Fifty junior high school students from 10 schools in downstream villages visit the upstream communities in the Tangsi subwatershed during a Field Day to learn about conservation activities, tree planting, water resource protection, solid waste management, recycling and composting.



ESP YOGYAKARTA/ CENTRAL JAVA

600 villagers from 15 communities in the Tangsi subwatershed viewed each other's community-based plans that were displayed in colorful posters and photos at booths set up in Sambak Village for a Field Day.



ESP YOGYAKARTA/ CENTRAL JAVA

Secretary Head of Magelang District plants a “Pronojiwo” tree in Sambak Village on a Field Day as a symbol of the community’s pride and care in its land and water resources.

Community-Based Water Supply. Three years ago, local communities living near the Tangsi River became increasingly concerned about their growing difficulties accessing clean water, which prompted them to establish the Community Water Care Forum (Forum Masyarakat Peduli Air or FMPA). Nine villages, including 4,500 households living on the Potorono hills of the Tangsi sub watershed, now participate in this forum, which aims to manage their own water resources. The local government responded positively to this initiative, allocated special funds, and even installed eight water pipelines from Sigandulan spring to eight villages. However, after two years, the government abandoned these pipelines and never established household connections to them. The communities involved were unable to complete this project on their own. According to Heri, an FMPA motivator, “People lacked the ability to continuously manage cross-village programs”.

In July 2006, ESP invited leaders from FMPA to participate in a study tour to Batu, East Java, to learn firsthand from the experiences of a 20-year successful community-based water supply system. Participants returned from this exchange charged with new ideas. ESP facilitated several more in-depth discussions and a workshop, where the FMPA identified their existing problems, prepared maps of the current conditions in the area as well as a map of intended outcomes. Related local government agencies from Kabupaten Malang were also involved in these discussions and map preparations. This multi-stakeholder effort resulted in a plan for construction of pipelines with household connections as well as the revitalization of the FMPA’s functions.

Four working groups were formed to address the institutional, technical, managerial, and financial aspects of the community-based water supply system. The FMPA agreed to establish a cooperative, called *Dharmo Warih Tirta Lestari*, to manage the community-based water supply system. ESP help channel the cooperatives members’ enthusiasm and ideas into realistic Workplans with clear responsibilities for each working group: 1) the institutional

working group established the cooperative and develops working relationships with related government agencies; 2) the technical working group analyzes the capacity of the Sigandulan water resources, maps pipeline networks to reach prospective customers, and inventories the existing assets and resource gaps; 3) the managerial working group surveys and introduces the system to prospective customers and prepares a business management plan; and 4) the financial working group develops proposals for funding the community-based water supply system. The enthusiasm of the local community and support of the local government provides a strong foundation upon which to develop this community-based water supply initiative over the next few months.



RICKY BARUS PASHA, ESP MEDAN/ NORTH SUMATRA

All smiles: Theresa Tuano is giving a water-filled dipper to symbolize the opening of the community-based piped clean water system in Medan.

Harnessing Media Attention on Water and Environment. This past quarter, the headlines and top stories covered by the Central Java print and electronic media have been dominated by the recent earthquake, tsunami, and volcanic activity of Mt. Merapi. During this time, ESP conducted a Multi-Media campaign on the topic of conservation of water sources. Despite the media's focus on three local, but large-scale natural disasters, ESP was able to penetrate the media with several articles published on ESP's activities with local communities, and issues related to water conservation, water quality, and sanitation. One of ESP's active local partners, Herry Subrastawa (Head of Sambak village in the Tangsi subwatershed) was invited to participate in a live local television talk show on the topics of water quality and the interdependence between upstream and downstream communities. When seeking media coverage of water and environmental issues, ESP aims to get exposure on a wide range of issues from all levels of stakeholders, from the grassroots level to government decision makers. By facilitating the media's access to a wide range of resource people from all levels of society, ESP hopes to strengthen communication channels between them as well as widely disseminate information to the public. To do this, ESP supports media visits to ESP's field sites, discussion sessions with journalists and photojournalists, photo exhibitions, and print and electronic interviews of resource people.



RICKY BARUS PASHA, ESP MEDAN/ NORTH SUMATRA

In a live broadcast on TVRI Yogyakarta talkshow in August, Herry Subrastawa (Head of Sambak village in the Tangsi subwatershed) spoke about the current conditions and uses of water in the Progo Watershed to increase the tv audiences' awareness of the impact that upstream and downstream communities have on each other's water supply. ESP is actively working in 15 villages in the Tangsi subwatershed.

OTHER HIGHLIGHTS

- **Educational Materials to Support Implementation:** Based on the community plans developed in the 7-week Field Schools conducted in 15 villages in Tangsi sub watershed this past quarter, ESP's technical team, village facilitators and field assistants spent three days finalizing village profiles and developing educational materials to deepen community member's understanding of key issues and guide them into initial action on selected topics, such as conservation of sloping lands, tree nurseries, organic farming, spring protection, or solid waste management. During this 3-day working session, many village facilitators were able to directly call their village head's cell phone to get their input on the revisions to the community plans, which attests to the strong support these plans are getting from local leaders. Next quarter, ESP will use these materials to support the 15 participating villages by providing them with a 12-week field school, aimed at implementing the community-based plans.
- **Coordination with SWS:** ESP and SWS is collaborating on plans to develop public education materials on clean and safe water that will be distributed to communities in the Tangsi sub watershed through a subsequent 12-week Field School approach, which will be conducted next quarter.
- **Tree Planting Training:** As a result of the ESP Field School, community groups in the Potorono and Menoreh hills of the Tangsi sub watershed have decided to undertake community-based conservation and land rehabilitation activities. In support of this, ESP and PPSJ have collaborated on: 1) a documentary film on aren (*Arenga pinnata*) tree planting; 2) conservation training for 30 village facilitators; 3) providing 100 kg of aren seeds and 5,000 aren seedlings for replanting activities.

- **Soil and Water Conservation Management Training in Cooperation with Agro-Forestry Service, Sleman District:** This jointly sponsored training focused on rehabilitation of former sand mining locations in Turi sub district, and wetland conservation through increased water efficiency in Moyudan sub district. ESP conducted some of the training and sponsored 32 community members from two villages to participate in the training.
- **Clean, Green, and Hygiene Cultural Fair:** ESP, SWS, and DBE I jointly sponsored a 1-day “Clean, Green, and Hygiene Cultural Fair” at two elementary schools (SD Sumopuro 2 & 3) in Jogonalan, Klaten. This event is the first in a series, whereby the 3 BHS programs will support the school committees in the two schools to make major improvements in sanitation, solid waste management, greening, and clean water supply.
- **Assessment of Existing Community-Based Solid Waste Management:** ESP conducted an assessment of existing CB solid waste management systems in Kota Yoga, Sleman, Bantul and Kab Magelang to identify the types of systems currently employed, as well as their strengths and weaknesses. ESP will use this information to develop recommendations for system improvements as well as expand successful models to new locations in rural and urban locations.
- **Municipal Sanitation Strategic Planning Workshop:** ESP Central Java sent 3 participants from the Yogyakarta Department of Environment, Sewon-Bantul wastewater treatment plant, and Province of Yogyakarta Infrastructure/Public Works Department to attend this ESP sponsored workshop in Jakarta, which was aimed at raising awareness of the importance and options for sanitation among local government officials and to stimulate local governments to organize their sanitation strategic planning for the period of 2007-2011.
- **A Training Needs Assessment** was conducted for 3 public water utilities (PDAM Kota and Kabupaten Magelang and PDAM Kota Surakarta). The results will be used to design a training workshop aimed at increasing employee motivation at each PDAM.
- **Micro-credit scheme to increase household connections to PDAM:** A micro-credit scheme was introduced to PDAM Surakarta and PDAM Kab. Magelang, which is aimed at increasing household connections to PDAMs by allowing low income households to pay for the initial connections in monthly installments instead of one lump sum. This micro-credit program will be jointly supported by Bank Rakyat Indonesia. The two PDAM responded favorably to implementing the micro-credit scheme.
- **Household Census of PDAM Customers:** ESP conducted focus group discussions with the staff of PDAMs Kota Yogyakarta, Kab Magelang and Kota Magelang to design the household census that will be conducted next quarter. This is part of a larger effort to reduce non-revenue water supply. ESP will conduct the census/survey with 7,000 households in Kota Yogyakarta, 3,500 households in 3 kecamatan in Kabupaten Magelang (Sawangan and Muntilan systems), and 28,000 households in 2 kecamatan in Kota Magelang. ESP had offered to conduct a household census in Kab Bantul, however, the PDAM director declined ESP’s offer of assistance due to social unrest in the earthquake affected communities.

Focus Group Discussion (FGD) on PDAM Meter Reading and Billing Systems. ESP facilitated an FGD with PDAM Kota Surakarta to identify ways to reduce the PDAMs non-revenue water supply and optimize the meter reading and billing systems. PDAM Solo’s NRWs are 30%, which is much higher than the national standard of 20%.

SECTION 2.7.

EAST JAVA

INTRODUCTION

During this last quarter of the 2005-2006 Workplan, ESP's work in East Java can be characterized by an expansion of activities and a consolidation of locations as the team has begun to address the relationship between community-based action and the roles of government in coordinating and maintaining change.

The East Java program has obtained momentum in ways that indicate that our partner communities and institutions can continue to progress, providing ESP support is carefully focused on the critical interventions needed to maintain and build their confidence. For example, in Kota Batu, a pilot wastewater wetland system designed to deal with household waste has been constructed with pride by the community and the city government. Seventy people from villages in the upper Brantas in three local government jurisdictions documented and celebrated traditional cultural knowledge concerning water and forest conservation. Following this, one village has taken initiative to restore the forest and provide care for five springs in the area, while several others are discussing a similar commitment, creating the potential for a major community-led environmental management movement across the upper Brantas.

ESP mediated negotiations between 10 LMDH villages in forestry enclaves in Batu and the government manager of these lands (Perum Perhutani), which has led to a commitment to restore 2500 ha of deforested land. Participatory mapping has identified where and how this can be achieved. Two ESP small grants have been approved and are now underway to develop community nurseries to provide for private land restoration and nursery training for participants from 22 villages.

In Malang, ESP hygiene initiatives and a comparative study tour between Malang and Surabaya hygiene and environment volunteers, has led to Malang City committing to a locally-led hygiene and waste management initiative in three Kecamatan in the city, with continuing technical advice from ESP. An ESP small grant to Muhammadiyah in East Java is designed to allow this key religious organization to develop its capacity to deliver improved sanitation, hygiene and waste management through curriculum reform in its network of religious schools (pesantren) and outreach to adherent communities. Successes achieved by ESP in non revenue water in PDAM Kota Malang have led to significant institutional restructuring to allow this important work to continue routinely.

These experiences provide optimism for a 2007 Workplan built on the principles of: a) increasing integration for greater efficiencies and impacts; b) continuing support for communities where ESP is already working to deepen and sustain the impact; and c) support for new communities, including governments and organizations, where an existing internal momentum for change requires keenly focused strategic interventions to ensure success.

Wonokromo hits the airwaves: Research by ESP has shown that while there is good knowledge of proper hygiene practices, waste management and re-greening activities among women and young people in Wonokromo, Surabaya, essential messages and success stories are not reaching deeply enough into the adult male community. Part of the reason for this lies in their working outside the community during the day coupled with the lack of adequate televised coverage of local news. ESP has been working with a junior high school (SMNK 6) in Wonokromo and local businesses to develop their capacity to reach into the community with local news coverage of scheduled activities from the school's eTV studio. Research indicates that this concept will be enthusiastically received by over 70% of the respondents.

Wonokromo volunteers are also seeking other ways to reach the community and spread the news of their activities. At her own initiative, the wife of the village head (lurah) and two other volunteers spoke on Surabaya Giga FM for one hour on the importance of hand washing to reduce the incidence of diarrhea.

ESP inspires hygiene promotion activities in Wonokromo: As a further example of the resonance of ESP's health and hygiene awareness campaigns, 30 Wonokromo residents volunteered to create their own hand washing with soap stand at the Plan International Health Bazaar attended by 1000 Wonokromo residents in July. In addition, the RW VII Youth Group constructed and sold 100 hand washing facilities to the Komet Foundation for Children's Day in Kediri, East Java.

REGIONAL ACTIVITIES

Improving Sanitation, Health and Environment in the the Village of Temas, Batu. This quarter, the construction of the pilot artificial wastewater treatment wetland in the village of Temas was completed. The wetland, designed for 110 households, still needs to develop connections to individual households. Currently, it is receiving waste water from a nearby heavily polluted river. The community has responded with pride and enthusiasm and even featured a replica of the wetland in a specially designed float in the Independence Day parade and, more importantly, the mayor of Batu has granted 100 million Rupiah to purchase land to extend the Temas facility. The wetland marks a particular entry point into the Temas community, which over the next few months will be the site of expanding ESP activities, including community-based solid waste management, hand washing with soap campaigns, assistance with the drafting of local government policy, and assistance with the location of waste transit stations (TPS) and final disposal site (TPA). Through a Small Grant, ESP will also support improved access to clean water and re-vegetation of critical land in Temas. ESP will continue collaboration with USAID's SWS program in this community.

The impact of the constructed wetland is continuing to resonate in other locations. Local government officials in Batu are considering adopting similar technology to treat organic liquid waste from the Batu Central Market and two other urban villages in Batu.



ESP SURABAYA/EAST JAVA

Wastewater treatment wetland under construction in Kelurahan Temas currently receives water from a heavily polluted river.

Multi-stakeholder Biodiversity Action Planning for the TAHURA Raden Soerjo.

Tahura R. Soerjo (Tahura RS) already has a management Master Plan prepared by the Province Forestry Department that provides focused guidelines on specific management interventions to protect conservation targets. However, it was developed through a top-down process and has little public support and little likelihood of implementation. A number of the plan's weaknesses are recognized by the TAHURA Management who have welcomed ESP's assistance, especially in relation to engaging neighboring village communities. This quarter, ESP began a process to support the Tahura R. Soerjo to develop an action-oriented management plan that includes the views, values, and aspirations of government, community and private industry stakeholders. This engagement with the Forestry Department and its TAHURA Technical Implementation unit in the Conservation Reserve marks an important strategic step. ESP will also involve them in the process of drafting legislation and policies on province-wide Payment for Environmental Services (PES).

This collaboration and dialogue needs to continue for some time. However, the Department of Forestry's willingness to remain engaged rather than to merely fall back onto its legislative mandate is a significant step forward. In early July, ESP conducted a traveling workshop to three kabupaten, which brought together government and community stakeholders. This was followed by an initial meeting of a planning steering group, involving 25 representatives of key government and non-government groups. Subsequently, specialist stakeholder groups conducted meetings in early August. This current round of discussions seeks to identify conservation values, particular to each group, and to define management objectives that each stakeholder group regards as their priority and to which they can lend management capacity. These groups include 15 professional biologists who are concerned with the retention of the scientific values of the reserve; industry groups concerned with the reserve's tourism



potential and its significance in protecting clean water sources; and community groups who farm around the borders of the reserve, at times encroaching upon it. The community stakeholder groups from 43 villages have recently formed the Kelompok Tani Tahura (KTT) to better ensure their representation in the preparation of the management plan.

Participatory Mapping for Watershed Planning and Forest Restoration. ESP is now working in 22 of the 24 villages in Kota Batu. Ten of these villages are in enclaves in the state forest managed by the forestry state enterprise *Perum Perhutani* and represent 5,442 households.

In a long history of poor management, land conversion, and mistrust, a high proportion of the forest land has been degraded or lost. ESP is playing a key role to foster new dialogue between these villages and the production forest management agencies, which are already leading to agreed results. For example, the villages have consolidated into a single group to represent their concerns for more just sharing of resources with *Perhutani* and there is agreement among the ten villages to engage in reforestation. With this agreement, *Perhutani* is permitting the use of multi-purpose species, not just the small number of commercial species previously allowed. ESP recently awarded a small grant to undertake a reforestation trial in 400 ha and ESP is supporting the training necessary for the successful establishment of community nurseries.

This quarter, ESP implemented training on participatory mapping at 10 LMDH villages in Kota Batu. By the end of the quarter, training of trainers, community-based participatory mapping, and a workshop to discuss data analysis and interpretation have been completed. Field work was undertaken by 70 people and the detailed results have been mapped to identify specific locations, areas and seedling numbers required for forest restoration. Since ESP became involved with these communities, approximately 1700 ha of land have been planted by multi-purpose tree species and a further 2500 ha has been identified and mapped for further treatment by communities who have committed to maintaining them. These activities will now form the background for strategic and action planning in the coming quarter during which it is also expected that key government stakeholders will further embrace this new approach to resource management.

Urban Greening expands in Wonokromo – Local Initiative Gains Traction: ESP is supporting the Surabaya Urban Greening Program – one person: one tree. A Comparative study tour from Wonokromo to Jakarta environment prizewinning communities has resulted in a marked increase over the past quarter in the re-greening of Wonokromo, utilizing compost produced in the community. Reinforcing this initiative, Wonokromo's RW 7 has recently established a new local rule requiring that each house plant at least two trees every two months.

ADDITIONAL HIGHLIGHTS

- **Culturally-Based Environmental Care for Sustainable Change.** The long term success of a social movement for change depends fundamentally on emotional and spiritual ownership by the community. Recognizing this, ESP supported and helped organize a traveling workshop in July that encompassed the three local government areas that lie in the headwaters of the Brantas River. Seventy people attended the three-day event, which celebrated and recorded traditional knowledge of water and forest conservation practices across the region. School children and informal leaders, many of whom had been unable to speak of these matters since the overthrow of Sukarno, conversed and were confronted by the mysticism and wisdom of ancient Java, which promotes patterns of behavior essential for the sustainable conservation of land and water. A network of communication among informal spiritual leaders has been established and is already manifest in village level commitments for spring conservation and forest restoration, again emphasizing the importance of local commitment in multiplying the impact of ESP in this important area.
- **Establishing the Political Framework for a Holistic Approach to the Management of the Brantas Watershed.** Improved watershed management of the Brantas Watershed has been a dream for East Java for many years. ESP's early success in Kota Batu and Malang Raya is still only a small step forward. In early September, with the support of the Mayor of Surabaya and the Governor of East Java, four senior officials from the city and the province traveled to Brisbane, Australia to attend the 9th International Rivers Conference. The delegation, inspired and facilitated by ESP, was funded by AusAID and local government budgets. Exposure to international experiences and to the multi-stakeholder model in place in the analogous watershed of the Brisbane River, has brought ideas and potential partnerships to East Java which will be supported by ESP in the next quarter, as cross boundary issues of responsibility and consistency are worked out by the province and the fourteen local governments concerned with this large watershed.

- **ESP's Non-Revenue Water (NRW) Reduction Pilot Project** with PDAM Kota Malang has resulted in improved institutional capacity to multiply savings. This past quarter, Pondok Belimbing Indah and Tidar have achieved NRW reductions from 45% to 30%. This outcome has elicited a restructuring of the PDAM to routinely expand its NRW activities to other parts of its network and has provided a new confidence and commitment to NRW reductions among PDAM staff who were previously skeptical of its potential importance and who lacked technical knowledge of how to achieve these results.



ESP SURABAYA/EAST JAVA

PDAM Kota Malang employees repair a leaking pipe at Pondok Belimbing Indah, during a Non-Revenue Water Reduction program, supported by ESP.

Customer Satisfaction Surveys in Kabupaten Malang and Surabaya. Customer Satisfaction Surveys for PDAM customers have been completed with 2,200 respondents in Kab Malang and 2,400 in Surabaya. Initial findings indicate that significant reorientation by the PDAM is required to build customer confidence and satisfaction. Water quality and quantity continue to be a significant issue in many parts of Surabaya, while in Kabupaten Malang, the use of chlorine is still perceived as a problem for users in terms of taste. In both locations, respondents sought better, more reliable, and more convenient water metering, and more flexibility in payment options. These results are now being incorporated into the ongoing corporate planning being undertaken by PDAMs in Surabaya and Malang, and the results are being disseminated to the 23 service units for the development of improvement plans.

Improving energy efficiency is a priority for PDAM Gresik and Surabaya. Especially in PDAMs like Surabaya and Gresik where raw water is predominantly from surface sources, energy costs form a high and increasing component of the budget, seriously constraining new infrastructure investments. Energy costs at PDAM Gresik

stood at Rp. 7 billion, or 42% of total costs in 2004, while for PDAM Surabaya, it was Rp. 39 billion, or 27% of total 2004 costs. As the cost of electricity rises, the relative significance of this component also goes up. During the past quarter, ESP conducted energy audits at the Ngagel I facility in PDAM Surabaya and the Legundi facility in PDAM Gresik. Selection, operating schedule, and age of pumps and motors were major factors contributing to inefficient use of energy, aggravated with poor installation. With support from ESP partner organizations (Inowa, Pelangi, Eco-Asia, and Enmap of the Philippines), a comprehensive plan is being developed to propose financially practical options to improve energy efficiency.



ESP SURABAYA/EAST JAVA

A joint team from PDAM Kab Gresik, Inowa, and Pelangi are measuring water flow as part of an energy audit program at the PDAM's Legundi facility, with technical support from ESP.

- **Extending PDAM connections through micro-credit and World Bank's *Output-Based Assistance (OBA)*.** Two important new alternative funding initiatives were introduced to East Java PDAM this quarter. The first is through micro-credit assistance to help low-income households pay the initial cost of establishing a household connection in installments. This will be done in partnership with BRI and Bank Jatim. Following preliminary but highly positive information workshops with five PDAM in July, early responses are that PDAM Malang is seeking to engage 400 connections using this scheme, while PDAM Sidoarjo is considering 1500 connections. Notably, PDAM Malang took the first step towards making these 400 connections a reality by signing a micro-credit Master Agreement with BRI on 1 September 2006. At the same time, ESP has been collaborating with the World Bank and PDAM Surabaya to determine how a combination of micro-credit and OBA funding can assist in expanding household connections to poor communities in this large city. At present, ESP is assisting PDAM

Surabaya to analyze 8,000 prospective customers to determine how these instruments can best be applied.

- **Joint Workshop with ESP national office on Urban Sanitation Strategic Planning.** ESP East Java sent 13 government and university participants from Surabaya, Kota and Kabupaten Malang to attend this ESP sponsored workshop in Jakarta (August 22-25, 2006), which was aimed at raising awareness of the importance and options for sanitation among local government officials and to stimulate local governments to organize their sanitation strategic planning for the period of 2007-2011. ESP's sanitation mapping with BORDA/BEST also commenced in September in Kota Surabaya and Kab. Malang.
- **Two community-based sanitation (CBS) systems commence construction in Kecamatan Kepanjen.** ESP, in partnership with BORDA and BEST and the Kabupaten Malang local government and Sanimas program, started construction in August of CBS facilities in the villages of Curung Rejo and Kepanjen. Each facility will service about 120 households. The financing of these facilities is a result of cost sharing between ESP and local and national government budgets. By the end of the quarter, completed activities included site selection, socialization, detailed design, and training of local government staff.
- **USAID's ESP, FSN and SWS programs collaborate in Kelurahan Gading.** Early in the quarter, ESP joined with World Vision (which is implementing USAID's Food Security and Nutrition Program), PKK Surabaya, and the city government of Surabaya, to extend the FSN program into community-based environment, water, hygiene and waste management in the north Surabaya community of Gading. For ESP, this new alliance of partners is building on the successful ESP intervention in Wonokromo by focusing on a poor community with different cultural and demographic attributes. At this stage, 65 households from RW 17 in Gading are participating in solid waste reduction and composting. Training has also included improved personal hygiene through hand washing with soap and networking among experienced volunteers from Jambangan, Wonokromo.
- **Sustaining community-based solid waste management in Surabaya.** Following successful trialing of community-based waste management activities in a number of locations in Surabaya by ESP, Unilever and NGO, partners, the Government of Surabaya is set to pass legislation in support of these community led responsibilities in the new year. ESP has become a central player in the process of transferring lessons learned from these case studies to local government, whose assistance is required to support communities across the city under the new legislation. ESP has been approached by City Sub-District Heads (Camat) to assist them in developing their capacity. This quarter, ESP provided technical advice to Kecamatan Genteng and Kecamatan Wonocolo in the early stages of socialization of concepts and new behavior in six urban villages in these Kecamatan (Ketabang, Sidosermo, Jemur Wonosari, Bendul Merisi, Margorejo and Siwalan Kerto). In RW 7 in Ketabang, 35 households have taken up the initiative to better manage their waste using their own resources.



ESP SURABAYA/EAST JAVA

This is an activity of community-based solid waste management in Wonokromo, Surabaya, where 38 volunteers have succeeded in mobilizing 280 households to sort their solid waste.

SECTION 2.8.

SPECIAL CONCERN IMPERATIVE AREAS

WMD (Water Maatschappij Drenthe) is an ESP partner organization for the development of Water Supply in Eastern Indonesia. It is currently working in twelve locations, of which two overlap with the target area of ESP: Manado and Jayapura

In Manado, ESP completed in September the household census for 40,000 customers and non-customers, through the University De LaSalle and, in collaboration with PDAM and WMD. Final presentations showed clearly improvement needed for both customer data and technical support, in form of non-revenue water reduction, meter replacement and disconnecting illegal connections in certain areas. Final report on this valuable experience will be ready in coming reporting period. The other collaborations with WMD on the development of PDAM operator training modules is still moving forward, with first two modules prepared. It was identified that for further module development additional expertise is required and WMD will finance an expert, who will work with YPTD on this. ESP is one of the members of the 'steering committee' providing valuable feedback on the module preparation. It is expected that by December 2006 most modules will be completed and field training will commence. The planned program from WMD in Jayapura is still in a holding pattern, awaiting decisions on the transfer of PDAM from Kabupaten Jayapura to Kota Jayapura.

ESP closed SCIA offices at the end of this Quarter, releasing staff and turning-over inventory to ESP partners in Balikpapan, Manado, Manokwari and Jayapura. While ESP may continue to support low-level activities in these cities, this decision was made in order to focus ESP management and resources more effectively on our High Priority Provinces in northern Sumatra and across Java.

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 three inter-related initiatives: participatory watershed planning and management; biodiversity conservation management; and training of ESP Field Assistants and Partners to expand and deepen community-based WSM work in coming years. Much of end of this Quarter focused on ESP Annual Report and Work Plan development. Facilitated in a participatory manner, this process enabled WSM staff to assess progress towards WSM outcomes as well as opportunities to better strengthen integration of health and hygiene and services delivery technical expertise into community-based watershed management work.

- **Multi-Stakeholder Watershed Planning and Management.** The Watershed Management teams in all HPPs continued to prepare and/or finalize participatory watershed management action plans. A model action plan was developed in collaboration with stakeholders in Cianjur, West Java. This action planning process follows principles of adaptive management, and draws from a wealth of experience including site-based conservation management planning, Development Pathways, threats analysis and other approaches supporting an iterative and participatory planning process. Adapting from this process, additional action plans are being developed in Subang, West Java; Upper Brantas, East Java; Padang, West Sumatra; DAS Deli, North Sumatra; and Krueg Aceh, NAD.
- Related to this, WSM teams also facilitated significant progress in **reforestation and land rehabilitation activities**. A number of community nurseries were established and/or continue to be maintained. Significant planting-out of seedlings occurred in a most of the HPPs. Of special note, the WSM Team had been anticipating the commencement of the Rainy Season in most of the HPPs this Quarter. While rains have started in Sumatra, Java HPPs remain quite dry and planting out thus problematic.
- **Biodiversity Conservation Management.** Significant progress was made with ESP's biodiversity conservation work this Quarter. The ESP Conservation Assessment and Action Plan was approved by USAID and is currently being distributed. This report provides a detailed approach to biodiversity conservation based on site-based assessments over the past nine months.

Additionally, ESP has developed a detailed model National Park and Tahura (Grand Forest Park) Action Management Planning and Management Scenarios report that facilitates a participatory conservation planning and management process that supports a strong biodiversity focus in ESP WSM planning. This process shares key WSM management principles of participation, cost-effectiveness and adaptability. Importantly, this iterative planning and management process focuses on understanding and tackling immediate conservation threats rather than simply compiling lots of information. A key element of this planning and management process is the Conservation Village. Being developed in collaboration with the

Ministry of Forestry's PHKA and various conservation NGOs, Conservation Villages provide a new mechanism for communities living adjacent to protected areas to more equitably share the benefits and responsibilities of conservation management.

- **ESP WSM Training of Trainers (TOT) Program Development.** This Quarter marked the implementation and completion of the ESP WSM TOT, a twelve-week residential training program launched on July 5, in Solok, West Sumatra. 38 ESP Field Assistants and Partners in the skills necessary to ramp-up effective field activities in rural communities of upper- and mid-stream watersheds. Focusing on water ecology from an integrated environment and health perspective, this TOT built skills in facilitation, adult and non-formal approaches to education, participatory conservation management, community mapping, agroforestry and agricultural development, health and hygiene, community water and sanitation management, community solid waste management, and conflict management. A core group of four trainers facilitated this field-based training, and ESP staff representing all technical components and cross cutting themes provided specific technical input over the course of the training.

The ESP WSM TOT officially ended on September 12. Closing festivities commenced with a Field Day, where the six communities that participated in ESP WSM TOT Field Schools presented the results of their work. Each of the six communities worked through a water ecology-based sustainable livelihoods assessment, and then developed and commenced implementation of a community action plan. In all cases, communities had initiated activities including reforestation and spring protection, community-based water and sanitation initiatives, and community-based health and hygiene awareness. This successful Field Day demonstrated the skills and experiences gained by the Field Assistants and Partners. In the final closing ceremony, it was recognized that these 38 newly trained individuals will provide ESP with a new frontline for expanding and deepening its work.

SERVICES DELIVERY

The National program of the Services Delivery team focused part of its time in this quarter on further development of next year Workplan, but also continued further supporting and developing some key technical programs with PDAMs, concept development on increasing access to the poor formal start of our comprehensive sanitation program. The following list shows a number of highlights.

- **PDAM Operator Training programs.** The PDAM operator training program by ESP, WMD (ESP partner for East Indonesia), SABSAS (Aceh PDAM support program) and YPTD (PERPAMSI Training Foundation) has developed the first two modules: Pipe laying & connections and PVC installation. These are very practical, comprehensive training modules which will be examples for the other 40+ modules to be developed in coming months. They will be tried out initially for PDAMs in Aceh and East Indonesia (including Manado, Jayapura and Manokwari), before YPTD will introduce them to other regions.
- **PDAM Energy Efficiency Audits.** The PDAM Energy Efficiency audit program, as explained in QPR#5, has been implemented very successfully, combining two classroom trainings and one month field work by 14 participants (from four PDAM and two local institutions) and three Philippine trainers (support by Eco-Asia). All

findings and recommendations have been prepared for presentations to the management of four PDAM, to be conducted during October. Results show that with initial investments of ca. \$ 30,000 – \$60,000 for each audited system, annual savings can be made of similar amounts, meaning a payback period, for the equipment, of around 1 year. Besides the substantial reduction of energy cost, this will also greatly improve the pressure management of their respective distribution systems, which will directly lead to reduced Non-Revenue Water losses. ESP will continue to work with the four PDAMs to determine the most appropriate financing scheme for obtaining the necessary equipment; where possible ESP will introduce these results to other PDAMs.

- **PDAM Non-Revenue Water Reduction (NRW) programs.** Programs have been completed for Kota Malang, Kota and Kab Sukabumi (all three zoning and step-testing in pilot area's) as well as kota Bandung and kota Manado (both completing large household census programs). The results of the zoning and step-testing show a substantial reduction in NRW (15% for Malang, 30% for Sukabumi), with limited investment by PDAM. These results can now be replicated by PDAMs themselves for other zones. The household census results (in total around 90,000 census were made in the two locations), have provided all data for improved customer database, increase revenue and cost reduction, which can be done by PDAM. Analysis is currently undertaken and follow-up actions by two PDAMs themselves will be started in next period.
- **Increase Water Supply access for Poor households.** Besides the very successful programs in Medan where two urban poor communities now receive direct access to PDAM water, ESP further developed its close collaboration with ECO-Asia through (1) start of the Public Tap survey for 300+ public taps in Kota Bandung, with results expected in the coming quarter and (2) participating by ESP staff in Eco-Asia's regional workshop on improved water supply access to the poor, with very interesting presentations especially by India, Sri-Lanka and Philippines. As a direct result ESP and Eco-Asia (in collaboration with Palyja and Bappenas), will further develop these concepts for Indonesia. ESP continued discussions with Worldbank on potential for OBA connection for poor households for PDAM Surabaya. Finally ESP initiated discussion to utilize the planned Financing program to develop parallel program with PDAM Bogor to increase access to poor households in specific areas of Kabupaten Bogor
- **Comprehensive Sanitation Program (BORDA subcontract and city-wide sanitation strategy).** Three subcontracts have been signed with BORDA, on development of 10 Community Based Sanitation (CBS) systems, a large sanitation capacity building program and sanitation mapping programs. Due to revised budget allocations the program has been spread over a two year period. All locations for 8 CBS systems have been agreed upon, training of facilitators has commenced and the four city-wide maps will be completed in October. In addition ESP organized a kick-off sanitation strategy workshop in August in Jakarta which was well attended by Local Government representatives of nine cities, Bappenas and Public Works and Indah Water Consortium senior staff, including CEO. The seminar was very successful, including good media coverage, preparation of MoU between IWK and PEMDA Bandung and Medan, to be signed in the next quarter and first training on development of city-wide sanitation strategy.

ENVIRONMENTAL SERVICES FINANCE

Considerable progress was made in Tasks FN1 and FN3, “Achieve Full Cost Recovery for 30 Water Utilities” and “Ensure Improved Access of Commercial Finance for Regional Water Utilities.” Background and activities during the fourth quarter are have been divided into five areas, respectively:

- Full cost recovery
- Micro-credit
- Municipal Bonds
- Payments for Environmental Services
- Indonesian Water Fund

Full Cost Recovery:

By the end of the quarter, 10 utilities had been advised on tariff levels needed to achieve reasonable cost recovery tariffs with the ultimate objective of raising commercial funding. 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, Kota Magelang and Kota Solo. In all cases, preliminary full cost advisories closely coordinated with pre-feasibility studies to determine levels of finance within a range of tariffs deemed reasonable by the utility or, otherwise, achievable upon petitioning.

During the fourth quarter of the fiscal year, FN completed 4 of these full cost recovery and pre-feasibility studies and has advised the water utilities and regional governments of the tariff implications.

Of the 10 full cost recovery advisories, 5 utilities have set forth petitions to their respective owners and legislators. All have received tariff increases based on our work: Kota Bogor, 25% increase, Kota Medan 30%, Kabupaten Bogor, 74%, Kota Bandung, 51% and Kabupaten Subang 25%. In addition, Kota Malang is in process of developing its petition with a range of tariffs covering 3 alternative scenarios based on ESP work. With the exception of PDAM Kota Malang (in process) and Kota Medan, all achieved tariff increases at levels suggested as necessary by ESP to undertake their respective capital investment plans. Kota Medan, the one exception, will request a new tariff study during FY 2007.

Micro-Credit

As a result of the special initiative with BRI to introduce micro-finance of household connections to 27 designated regional water utilities introduced toward the end of the 3rd quarter, 2 Master Agreements have been executed, this quarter in respectively, in PDAM Kabupaten Bandung and PDAM Kota Malang. The program is likely to attract approximately 15 utilities, with up to 12 either deferring participation or choosing not to participate. The reasons for lack of interest include: (a) lack of water and inability to source finance for fresh water bulk supply; (b) good service cover along existing network and unwillingness / inability to expand network; and (c) unwillingness to assume obligations related to the micro-credit Master Agreement.

In a collaboration with the East Java Regional Office and Services Delivery Team, an initiative that parallels the BRI Micro-credit program has been developed, representing a potential collaboration with the World Bank Output Based Aid (OBA) program in Surabaya - specifically involving subsidies for the very poor to ensure their connection to the piped water network. A scope of work is being discussed with all of these parties. The latter, together with the micro-credit project, is expected to augment the number of household

connections in Surabaya by combining OBA for the very poor, with the BRI micro-credit program targeted at those households that can afford to pay for the connections through deferred micro-credit installments. A visit from the World Bank to Surabaya took place on 7 July 2006 for the purpose of discussing the scope and finalizing it with the Mayor of Surabaya and the President Director of the PDAM, Pak Salim. There, it was decided that more work need to be done on the concept. The World Bank, for one, has agreed to better define what level of resources it intends to commit to the project – now estimated at US\$3 million.

Kabupaten Bogor Bond Issue

Two categories of municipal bonds exist: a stand-alone project bond, usually issued by the subsidiary of a municipality or one of its concessionaires on a limited recourse basis and/or general obligation bond ('GO' bond), issued by the municipality, regency of provincial government. The narrative below explains the opportunities the opportunities ESP has uncovered in both categories.

Project Bond

With regard to Kabupaten Bogor, the pre-feasibility study based on a full cost advisory for their proposed investment plan was prepared in January 2006. Further subsequent work was discontinued, to permit PT. Danareksa to undertake its own due diligence, agree on a transaction structure and communicate the major elements of its likely scope and content to the PDAM, itself, and, subsequently, the DPRD. The Chairman of the Sub-committee on the DPRD responsible for water tariff determinations, recently, has indicated that it would schedule a new presentation to include the *Bupati*, as he was unable to attend the first briefing. He also indicated that this second meeting was necessary in order to issue the DPRD consent letter for the bond offering.

From August 10, 2006, serious work has begun on completing a full feasibility study, creating a more comprehensive transaction structure to include market practices with regard to the mobilization of finance.

The feasibility study for PDAM Kabupaten Bogor, completed;

An Action Memorandum, in process - a document identifying economic benefits (to poorer communities) served by the ability of the water utility to finance its proposed capital expenditure;

A review of legal due diligence issues completed, conducted by HHP–Baker McKenzie;

A visit by a DCA team, scheduled for the first week in October 2006 during Ed Roche (DCA specialist) visit;

An indicative Term Sheet agreed with the underwriting investment bank, PT. Danareksa Sekuritas, prepared for the PDAM and DPRD for review;

An indicative time-table developed / reviewed by PT.Danareksa;

A draft Comfort Letter prepared for PDAM / PEMDA.

PDAM Kota Bogor is a second candidate for a municipal bond. Although its Rp 50 Billion borrowing requirement is much smaller, Danareksa Sekuritas informs us that they believe the transaction will qualify for BAPPEPAM 'Small Denomination Bond Status,' an effort by the latter agency to widen the circle of issuers in the capital markets to include smaller companies. The DPRD and Walikota have expressed interest in discussing this further, appearing anxious to lock in some understanding with ESP in this regard. This will necessitate a series of introductory briefings to the PDAM, municipal management as well as DPRD. It is suggested that the formal approval of the DPRD and PDAM be secured for the Term Sheet *before* any work begins to convert the pre-feasibility study into a feasibility study.

Municipal Bond

On a parallel track, Pak Sarjono, Head of the Regional Planning office (BAPPEDA) in Balikpapan confirmed on 11 July 2006 his readiness to finalize the scope of work for a feasibility study aimed at an ambitious undertaking - a bond issue in mid-2008 aimed at raising money strictly for environmental purposes.

The project has five components to it, all of which relate in one way or another to the basic objectives of the ESP project particularly in the areas of health and hygiene:

- (a) A major watershed reforestation project, to supply water to the city;
- (b) Creation of a comprehensive arboretum (protected area);
- (c) Build a bulk water and pipeline from this area into the city;
- (d) Expand existing water network/install a centralized sanitation system;
- (e) Build a solid waste treatment facility.

The municipal bond offering, possibly the first GO bond in Indonesia, will likely have a face value of US\$16 -18 million and may be a demonstration project for other municipalities. Despite its attractive features, budgetary constraints may limit the amount of help provided through ESP. The fate of the project will rest upon decisions made during the FY 2007 Work Plan implementation period. Alternatively, the costs involved could be cost-shared with, say, ECO-Asia, in Bangkok.

Concomitantly, the finance team has offered to provide technical assistance to the Ministry of Finance and BAPEPAM (the Securities Exchange Commission) to draft an operational guideline that would provide guidance for, as well as screening approvals for the issuance by municipalities of GO bond instruments. The MOF has now agreed to a draft terms of reference and a lawyer selected for the work, paid for by ESP.

Indonesia Water Fund (IWF)

The IWF is a mechanism for mobilizing corporate / project finance for water utilities over a maximum 13-year period through door-to-door funding delivered by PT. Danareksa Sekuritas, the largest underwriter in Indonesia. In the first phase of the funding, construction finance is part of the service offering of a first-rate construction contractor, selected through competitive bid. At commissioning, an underwriting issued by PT Danareksa in the public markets replaces this financing on behalf of the borrower. The concept involves several mechanisms new to the Indonesian water sector, each of which is critically important in a successful execution.

Among the most notable:

- (a) First of its kind, up to 13-year commercial finance made available through an investment bank underwriting (rather than 7-years available through a commercial bank);
- (b) Strict tendering by the water utility for construction procurement on the principle of 'fixed schedule, fixed construction price'; and
- (c) Security to bondholders based, in part, on a partial credit guarantee by a donor, such as offered through USAID Development Credit Authority or ADB / World Bank through partial credit guarantee programs.

The above concept, if successful, may replace existing modes of finance, available through MOF, for about 12-15 utilities in Java and Sumatra. The concept is important step toward commercializing the access to credit for the water sector in Indonesia.

During the fourth quarter, the feasibility study for the IWF was completed, a special presentation made to the Multi-Donor Decentralized Support Facility where the financing mechanism was outlined to the membership and questions were invited. The membership, among others, includes World Bank, ADB, DfID, USAID, KfW, AusAid and others. ADB and World Bank invited ESP to make separate presentations in order to explore interest in participating in the program through their partial credit guarantee programs. Both external institutions expressed interest.

The first cluster of 4 water utilities has been identified, consisting of Kota Bogor, Kota Malang, Kabupaten Magelang and Kota Solo. These should be ready for an approach to the markets in the 4th quarter of FY2007.

Payment for Environmental Services (PES):

During the fourth quarter, a small grant was made available to a partnering institution, RMI Associates, to enable the conduct of a study to identify the principles and practices used by 8 regional governments in implementing voluntary payments for environmental services. This study, scheduled to be finalized on October 30, will carry with it recommendations for best practice implementation based on the experience of these test cases.

STRATEGIC COMMUNICATIONS FOR BEHAVIOR CHANGE

With the assistance of Patricia Poppe from Johns Hopkins University/Center for Communication Program, a draft Communication Strategy was prepared in August. This is derived from the result of Formative Research, conducted during the previous quarter and completed in July. The approach to the strategy takes into account the lessons learned of both POC and Health & Hygiene activities throughout the year, and merges these two cross-cutting themes into the new Strategic Communications for Behavior Change technical component. There are 4 main approaches/pillars proposed in this Communication Strategy, namely: mass media/media advocacy, community, schools and public private partnership. Mass media/media advocacy will be mainly address through POC activities, including MMC while H&H Health and Hygiene Behavior Change focuses primarily on individual- household- and community-level behavior change and practices that lead to improved health.

For H&H in this quarter, the primary focus was on building synergy with the Services Delivery team, specifically CBSW, and also with women's group across the Deli watershed on issues related to gender, health and natural resources. Two H&H sites in Malang city had been appointed by local government (city level) as learning sites for integrated hand washing and solid waste management, managed and facilitated by community. They have been provided with 20 "composter" and a task force, consist of representative from Health Office, Education, Environment and Public Works is set up to ensure the sustainability of this effort across Malang city.

ESP's Public Outreach and Communications Specialists implemented MMC 4 focusing on Water Resources Conservation and program support for City Sanitation, Water for The Poor and program exhibitions. This generated more than 82 of news stories in print and electronic media across Indonesia highlighting water and health issues in 35 national and local media. In relation with World Quality Monitoring Day, Since July 2006, ESP supported FORKAMI (*Forum Komunikasi Air*) in implementing series of activities to increase public awareness on water quality and its impact on human health to the general public of Jakarta. This specific activity will continue in the next Quarter, and peak in November.

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 last Quarter of Program Year 2. Towards the end of the Quarter, extensive time and resources were given to 2006 Annual Report and 2007 Work Plan development.

During this Quarter, ESP learned that budget obligations for the next year are likely to be smaller than anticipated. As a result, ESP took a number of cost-saving measures including the elimination of two expatriate technical positions, the elimination of ten Indonesian technical and administrative staff positions, and the closing of the West Sumatra office in Padang. Special Concern Imperative Areas offices in Balikpapan, Mando, Manokwari and Jayapura were also closed, as initially planned. The 2007 Work Plan remains ambitious, but is built around more a more austere budget that virtually eliminates the use of Short-Term Technical Assistance and reduces the scope of field activities.

SMALL GRANTS

To achieve the ESP's mission: "ESP promotes better health through improved water resources management and increased access to clean water and sanitation services", the Small Grants Program plays a vital role in providing support to all program initiatives in achieving its targets. In term of financing, the Small Grants Program is a small program but provides potential impact to the overall ESP program. The 28 committed small grants contributed behavior change for better health and hygiene and decreased incidence of diarrhea in children, increase 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. These small grants can become a "learning resource" for similar programs in the regions or beyond. Five out of these have been completed.

From the remaining 23 on-going small grants, 9 small grants programs just started with their implementation. These are three in Aceh, five in North Sumatra and one in East Java.

The number of grants spread across each region is illustrated below:

Number	Region	Total Small Grants Program	Total Grants \$
1	Aceh	6	90,000
2	North Sumatera	9	168,221
3	West Sumatera	1	24,478
4	West Java	3	68,327
5	East Java	5	78,265
6	Central Java/Yogyakarta	2	30,000
7	North Sulawesi	1	14,811
8	National	1	24,361
	TOTAL	28	498,463

As of the end of this quarter, ESP’s total commitment for small grants is \$498,463 or 49.85% of total grant funding of \$1,000,000 for the entire length of project.

Plan for Year 2006/2007: Due to the reduction of program funding, ESP postponed the issuance of new RFAs for small grants or receiving unsolicited proposals from potential grantees for this upcoming fiscal year, except for Aceh who will be treated differently because Aceh fund has already been fully obligated.



ESP MEDAN/NORTH SUMATRA

One small grants program in Kecamatan Medan Maimun implemented by Jaringan Kesehatan Masyarakat (JKM): “I washed my hands clean with soap”.

MONITORING AND EVALUATION

- ESP finalized and submitted the latest version of PMP document to USAID, and received approval on 8 September 2006. Now, the document is being distributed to ESP partners and is being used formally as a guideline of measuring program achievements.
- PMP intake forms have been developed to support regular PMP data collection every reporting period. This intake form is used to track the ESP quantitative achievement based on PMP. Regional technical staff collect regular data to be reported each Quarter. The ESP M&E Specialist compiles and analyzes the data for the PMP reporting. Each ESP technical advisor gives a final check prior to submission to USAID. The first round of data collection via intake forms was conducted in early September, and included training of ESP HPP staff. Results are presented in both this Quarterly Report as well as the 2006 Annual Report.

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:

- **Program Management, Cross Cutting Themes and Integration;**
- **Watershed Management and Biodiversity Conservation (WSM);**
- **Environmental Services Delivery (SD);**
- **Environmental Services Finance (FN); and**
- **Environmentally Sound Design and Implementation in Aceh (ESD)**

ESP Progress based on PMP

Period: July – September 2006

Component: Cross Cutting Theme/Integration			
Deliverable	Indicator	Second Year Target	Progress
Leveraging other financial support for Environmental Services Program	<ol style="list-style-type: none"> 1. Level of funding to support ESP activities 2. Number of Public Private Partnership (PPP) developed to support ESP activities 	<ol style="list-style-type: none"> 1. \$ 500,000 (\$ 2,000,000 over project life) 2. 5 PPPs (25 PPPs over project life) 	<ul style="list-style-type: none"> • Total leveraging for this period is about \$ 161,500. This amount was leveraged from several sources as follows: <ul style="list-style-type: none"> – DPD/PERPAMSI-West Sumatra co-financed a PDAM management training for 30 participants with amount of \$ 18,500. – Eco-Asia co-financed our PDAM Energy Efficiency program with three Philippine experts (salary, travel costs, training materials); in total : \$ 15,500 – Worldbank Insitute covered travel/training costs for a PDAM asset Management training in which .. participants from 20 ESP target PDAMs joined ; total cost for ESP participants is around \$ 15,000 – PDAMs Kota and Kabupaten Sukabumi contributed \$ 17,500 and \$ 10,500 to the two Non-Revenue Water pilot programs in their respective locations (staff, materials, equipment) – Cinta Air Program (Community Watershed Partnership Program) contributed \$ 80,000 to conduct joint program on development water supply for 2 villages in Bekasi – Integrated campaign in BHS integrated site of Jakarta (Petojo Utara) on Clean Green and Hygiene Campaign. From this activities ESP leveraged \$4,500 – NRW Reduction program with PDAM Kota Malang where PDAM Kota Malang provided an amount of \$18,000 to cover repairing works of PDAM facilities. • To date, total leveraged amounts up to the last quarter of the second year is \$1,904,700, including total amount of \$108,200 that have not been yet reported in Quarter #2 of the Financial Year of 2006. This amounts to already 95,24% of the whole project life target.

<p>Collaborative program to support the Strategic Objective (SO) of Basic Human Service (BHS)</p>	<p>Number of integration program between ESP and other USAID Program</p>	<p>Two joint programs of integration conducted by ESP and other USAID partners (10 joint programs over project life)</p>	<ul style="list-style-type: none"> - In this quarter, ESP has conducted twelve collaborative programs with other USAID Program across the HPPs, as follow: <ul style="list-style-type: none"> o NAD: three collaborative programs have been conducted such as: 1) join training with DBE-1 for schools committees on the important of water and sanitation; 2) collaborative program with HSP on development of “healthy market” and 3) implementation of workshop for media on environmental issue with LGSP o N. Sumatra: three collaborative programs have been conducted such as: 1) development task force on Hand Washing with Soap in collaboration with Save the Children (FSN partner); b) Collaboration with SWS on training on use of point of use <i>Air Rahmat</i> treatment plus hand washing with soap campaign in Sunggal and Kampung Baru, involved not only community groups from these location but also brought several community groups in Tembung (Medan), Beringin (deli Serdang) in the training; and 3) Collaboration with SWS and HSP on Forum Pemberdayaan Perempuan Workshop and action plan development in Aur (Medan), involved Posyandu cadres in Aur. o W. Sumatra: one collaborative program with SWS on a training for the member of FORUM PEDAS and involving to the forum on the development of NTR (Non-Traditional Retailer) Program to spread the use of point of use <i>Air Rahmat</i> treatment. o DKI Jakarta: two collaborative programs: 1) with Mercy Corp and SWS on the campaign at Petojo and bring a theme of “Clean and Green Community”; 2) with SWS and Coca Cola Foundation Indonesia to conduct the Program called Community Watershed Partnership Program o C. Java/DIY: two collaborative programs such as: 1) Clean, Green and Healthy Event at two elementary schools in Jogonalan – Klaten with DBE 2; and 2) development public education materials with SWS on clean and safe water that will be distributed to communities in Tangsi Watershed. o East Java: one collaborative program with LGSP to develop integrated site in Malang - To date ESP has conducted a total of twenty seven (29) collaborative programs with other USAID programs, including the achievement of Year 2005. This achievement has exceeded the target for the over the life of the program.
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<p>Public Outreach and Communication</p>	<ol style="list-style-type: none"> 1. Number of campaign supported by ESP 2. Number of campaign supported by ESP partners/stakeholders 3. Number of advocacy materials produced 	<ol style="list-style-type: none"> 1. Twelve (12) campaigns supported by ESP (80 campaigns supported by ESP over project life) 2. Six (6) campaigns supported by ESP partners/ stakeholders (40 campaigns supported by ESP partners over project life) 3. Twelve (12) set of advocacy materials produced (80 set of materials produced over project life) 	<ul style="list-style-type: none"> • In this quarter, ESP implemented two campaigns (Multi Media Campaign #4) “Water Resources Conservation” campaign and supported program activities: City sanitation (Jakarta), Water for the poor launching (Medan) and WSM exhibitions. And WSM support campaign for Central Java/Yogyakarta. • There were two campaigns supported by ESP partners/stakeholders <ul style="list-style-type: none"> ○ Water Quality Monitoring campaign by Forkami. ○ Clean and Healthy Community Campaign by RW 07 Petojo, Central Jakarta, DKI Jakarta. • Over the quarter, ESP produced 14 sets of campaign materials ranging from media fact sheets, event materials, displays, banner and event gimmicks for MMC #4 and campaigns supported ESP component issues. • Produced 3 volumes of ESP news. • Water and health issues were placed in 35 media, both local and national media where in total estimated 82 news coverage and media program placed in the media. <p>To date, ESP has conducted a total of 20 campaigns consist of Multi Media Campaign and support campaigns for ESP component issues. A total of Twelve (12) campaigns supported by ESP partners have been conducted, and 25 sets of campaign materials have been produced and used for the campaigns activities by ESP and its partners. There were at least 363 news coverage placed at national and local – electronic and print media – related to water and health issues.</p>
<p>People participation in the ESP trainings and workshops</p>	<p>Number of people participate in ESP training and workshop</p>	<p>Three thousand (3,000) people trained (12,000 people trained over project life)</p>	<ul style="list-style-type: none"> • This quarter ESP has involved 1,612 people in ESP trainings, workshops and seminar. The average percentage of women participation is 35.45%. A total budget of \$ 212,965.65 was spent for the training activities through this quarter. • To date, a total of 8,211 people have been participated in ESP trainings, workshops and seminar. The average of women participation up to date is 27,1%. This achievement exceeds the target for Year 2006. The total cumulative of expenditure for training activities is \$565,342.65 • The women participation is increased compare with the previous quarter which was 25,91%.

Component: Watershed Management and Biodiversity Conservation (WS)			
Outcome	Indicator	Second 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	N/A (5 new policies over project life)	In this quarter ESP has limited achievement of this outcome, however ESP is continuing to work on development of the policies. To date total 7 local policies related to recognizing land tenure and access right of the communities to manage their forest and watershed areas are in the development stage across the HPPs. Below is the details information on the local policy development in each region: <ul style="list-style-type: none"> • North Sumatra: 4 local policies have been initiating for the sub DAS of Sei Wampu (DAS Wampu), Lau Biang and Lau Petani (DAS Deli) and Bukit Barisan Grand Park. The development stage is in 15-59% to completed • West Java: 2 local policies have been initiating in Cianjur (Sub DAS Cilaku) and Subang (Sub DAS Cilamaya). The development stage is in 40-80% to completed • Central Java: initiating of the development of local policy in Central Java just started in this quarter and it is just in the 8% to completed • East Java: initiating of the development of local policy in East Java is in the stage of 44% to completed. This policy is developed for Sumber Brantas watershed area.
WS Outcome #2 – In each High Priority Province, improvement of watershed function in areas supplying water to urban centers and PDAMs as measured by a 50% increased in rehabilitated land (total area of degraded land where trees, commercial or non-commercial are planted)	Increase in area of rehabilitated land and forest, presented as percentage and in hectares	10% (7,046 hectares) (50% = 35,320 ha over project life)	<ul style="list-style-type: none"> • 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. • Community nursery program activities: <ul style="list-style-type: none"> ○ NAD: six community nurseries were begun, two nurseries are located in Aceh Besar and the other two are in Aceh Jaya. ○ W. Java: a nursery training was conducted in Cianjur involved 26 farmers from 13 villages of Cianjur District. ○ Central Java/DIY: during this quarter, as a follow up of Sustainable Livelihood Assessment (SLA), two community groups in Tangsi Sub-watershed (Potorono and Manoreh) decided to establish the community nursery by conducting conservation training and community nursery activities. ○ East Java: 52 farmers from Kota Batu, Pasuruan and Blitar have been trained on community based nursery operations.

			<ul style="list-style-type: none"> • Land rehabilitation program activities: <ul style="list-style-type: none"> ○ <u>NAD</u>: a total 29 hectares have been rehabilitated in Dusun Babah, sawang and Dusun Krueng Pande in Aceh Jaya ○ N. Sumatra: progress during this quarter is 9,633 ha including additional progress have been made in Quarter 2 of a total 35 ha. ○ <u>W. Sumatra</u>: Total area of have been improved through land rehabilitation program in this quarter is 1,760 ha. The areas are in Batang Kuranji, Batang Air Dingin and Batang Arau watersheds and Tahura Bung Hatta. ○ <u>W. Java</u>: to date progress including this quarter of rehabilitated land in Cianjur and Subang Districts (Sub-watersheds of Cilaku, Cikundul, Cipunegara, Ciasem and Cilamaya) are 8,498 ha. This total is a cumulative achievement during quarter 1, 2 and 3. This explanation clarifies the number have been written in the previous quarterly reports. ○ <u>East Java</u>: Since working with communities in Sumber Brantas Sub-watershed, ESP has been rehabilitated land in this sub-watershed of a total 1,911 ha. This results as shown from the participatory mapping activities. <p>To date (including Year 2005), total achievement was 22,948.55 ha of degraded land in HPPs watershed areas have been improved through the land rehabilitation program. This achievement have been exceeded the target of this year.</p>
<p>WS Outcome #3 – In each High Priority Province, the area of forest with high biodiversity conservation value under improved, local management increases by 50%</p>	<p>Increase in forest area with high biodiversity value under improved, local management, presented as percentage and in hectares</p>	<p>10% (16,530 hectares) (50% = 82,650 ha over project life)</p>	<ul style="list-style-type: none"> • In this quarter, ESP has finalized on development strategy to focus the work for this outcomes. There are five (5) forest areas as a focus which are Bukit Barisan Grand Park and Langkat Timur Laut Sactuari Wild Life (North Sumatra), Bung Hatta National Grand Park (West Sumatra), National Park of Gn Gede Pangrango (West Java) and R. Soeryo Grand Park in order to increase the forest area with high biodiversity value under improved and local management. There is a changing of the forest area we are working and this report clarifies the list of forest area stated in the previous quarterly reports. Total forest areas have been working is 140,208.3 ha. • To date the achievement for improving the management quality and local involvement is 32,804.15 ha after the implementation several type of activities in these forest such as

			<p>re-forestation, strengthening community in these area, support multi stakeholder involve in the management of these forests.</p> <ul style="list-style-type: none"> • Another activities related to this outcome is development of alternative finance to support forest and biodiversity conservation as a national initiative is continuing.
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	1.164 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"> • During the consultation with the BHS USAID team on this outcome, there is significant change to count this progress. The PMP requests number of people benefiting from coastal rehabilitation activities. Through this change, ESP reformat counting this progress. • To date ESP a total of 2,810 beneficiaries have been received benefit from ESP coastal rehabilitation activities during in this year. This achievement have been exceeded the target of this year.
WS task #1 – Development of Watershed Management Plans	Number of WSM plans actually have funds for implementation	6 WSM plans developed (Total 34 WSM plans developed over project life)	<ul style="list-style-type: none"> • This quarter ESP continued to work on development of WSM plans to meet the target of this year. The current progress finally only 9 WSM plan have been initiated during the Fiscal Year of 2006. One WSM plan from West Sumatra/Kota Padang (Batang Arau, batang Kuranji and Batang Air Dingin Watersheds) have been completed and in early next quarter three WSM plans (Subang, Cianjur and North Sumatra/DAS Deli) will be completed. Other five WSM plans are still in the development stage which are two in North Sumatra (Sub-DAS Lau Petani and Wampu), one in Central Java (Sub-DAS Tangsi) and one in East Java (Sub-DAS Sumber Brantas).
WS 1-4 Community groups supporting improved natural resource management created	Number of community groups implement activities to improved natural resource management	50 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"> • This quarter ESP has additional 42 community groups to work with across HPPs on the implementation of improving natural resource management. Below is the details data in each HPP: <ul style="list-style-type: none"> ○ <u>NAD</u>: 7 community groups in two districts (Aceh Besar and Aceh Jaya; 4 of the community groups are located in coastal area) ○ <u>North Sumatra</u>: 26 community groups from 4 districts (Karo, Deli Serdang, Langkat and Medan) ○ <u>West Sumatra</u>: 9 community groups from Padang Municipality ○ <u>West Java</u>: 22 community groups from two districts (Subang and Cianjur District) ○ <u>Central Java</u>: 15 community groups from Magelang District

			<ul style="list-style-type: none">○ <u>East Java</u>: 30 community groups in Batu Municipality• The activities conducted by the community groups are community nursery, rehabilitation program, Farmer Field School for Ecological Agriculture for citrus and vegetable, Field school in Ecological Rice Production, development of network of community nursery, regular workshop. Several community groups also involved in other ESP community development works on sanitation and solid waste management as well as hand washing with soap campaign.
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Component: Services Delivery (SD)			
Outcome	Indicator	Second 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 withdraw	Number of PDAMs providing better services	8 PDAMs (33 PDAMs over project life)	<ul style="list-style-type: none"> • ESP continues to work with 20 PDAMs across HPPs and Manado (SCIA) during this quarter. The focus of the ESP's support is on the improvement of technical operation and financial management of PDAM in order to increase the revenue. Total cumulative target for SD #1 up to the second year is 16 PDAMs. In term of number of PDAM, ESP has exceeded target for the second year. • Below is the progress achieved during this quarter in each HPP: <ul style="list-style-type: none"> ○ <u>NAD</u>: support the staffing up in three PDAM (A. Besar, A. Barat and Banda Aceh) plus working on Cooperate Plan with PDAM Tlrta Mountala (A. Besar), census for Tirta Daroy (Banda Aceh) ○ <u>N. Sumatra</u>: continued to work in optimalizing water distribution and rehabilitating treatment plants with PDAM Tirta Wampu in Langkat and PDAM Tirta Nauli Sibolga. ○ <u>W. Sumatra</u>: the work with PDAM in this province is decreased due to the changing of ESP's strategy to scale back their activities in this province . ○ <u>W. Java</u>: continue to work on NRW, household sensus and Energy efficiency and Water quality improvement Program with PDAM Sukabumi District, Kota Sukabumi, Purwakarta District and Kota Bandung. ○ <u>Central Java/Yogya</u>: conduct FGDs in PDAM Kota Yogyakarta, Magelang District and Kota Magelang as part of household census of PDAM customers and PDAM Meter Reading and billing system ○ <u>East Java</u>: work on NRW reduction program in Kota Malang. Customer satisfaction survey in Malang District and Surabaya, improving energy efficiency in PDAM Gresik and Surabaya and continue to work with the World Bank on OBA Program with PDAM Surabaya ○ Manado: household sensus (40,000 hh) completed

<p>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</p>	<p>Percent and number of household that use an improved water source</p>	<p>5% increase (=35,000 HH) (20% increase = 140,000 HH over project life)</p>	<ul style="list-style-type: none"> • During this quarter, ESP is still continuing to count the PDAM's connections. To date total PDAM connection in 20 PDAM partners is 1,018,048 connections. During this year ESP has achieved to develop two community-based water supply systems in North Sumatra and NAD. Total 125 households have access to clean water. • Below is the update from each province on the activities of increasing access to clean water: <ul style="list-style-type: none"> ○ <u>NAD</u>: continue to development design for distribution system of clean water in Monikeun, Lamkruet, Blang Lambaro, Jruek Balee, Jantho Baru, Blang Phon Village and Alphan2 Barrack (Meulaboh). ○ <u>N. Sumatra</u>: <i>Jaringan Kesehatan Masyarakat (JKM)</i> (NGO) under Small Grant Program has been success to deliver the clean water to houses of urban poor in Medan Maimun. JKM developed collaboration with PDAM Tirtanadi Medan. A total of 123 households received this access. Beside that, ESP has explored the use of micro-credit scheme via BRI involving PDAM in Medan, Karo and Langkat to support the providing clean water to the poor in these areas. ○ <u>DKI Jakarta</u>: there is limited progress to support this outcome. ○ <u>W. Java</u>: working with PDAM Bandung District and PDAM Kota Subang to develop micro credit to expand the access of clean water to the poor. ○ <u>C. Java</u>: support the initiation of community-based water supply for 9 villages in Kajoran Sub-District of Magelang District. The micro-credit scheme to increase access of clean water to the poor was introduced to PDAM Surakarta and Magelang District. ○ <u>E. Java</u>: two main activities to improve connections of water to the people. These activities are conducted with PDAM Surabaya through collaborative program with OBA –the World Bank and with PDAM Kota Malang and Sidoarjo through micro-credit scheme.
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<p>SD Outcome #3 – In Aceh, at least 20 return communities have developed and are implementing improved water quality, sanitation and solid waste management</p>	<p>Number of return communities in Aceh develop and implement improved water quality, sanitation and solid waste management</p>	<p>3 communities (20 communities over project life)</p>	<p>By the end of this quarter, ESP has been conducted several activities to improve water, sanitation & solid waste program in 14 (fourteen) return communities, such as 1 community in Aceh Jaya. 5 communities in Aceh Barat, 4 communities in Banda Aceh and 4 communities in Aceh Besar.</p>
<p>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</p>	<p>Number of sewage treatment proposal developed and to be funded by international development bank</p>	<p>N/A (5 proposals over project life)</p>	<p>This achievement have been exceeded the target of this year.</p> <p>There is no concrete progress yet of this outcome during in this quarter. However, six districts and cities are currently collaborating with ESP to initiate the development of sewage treatment proposal. A strategic planning workshop has been conducted at national level to support this outcome. In this workshop, ESP facilitated MoU preparation meetings between the potential PDAMs/LGs and IWK – Malaysia.</p>
<p>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</p>	<p>Number of community-based Solid Waste Managed Systems (SWMS) developed and implemented</p>	<p>2 SWMSs (15 SWMSs over project life)</p>	<ul style="list-style-type: none"> • During this quarter, one comprehensive community-based solid waste system has been completed in Kelurahan Tambaksari, Gading Sub-district in Surabaya (East Java). • Continuation works to support the development of solid waste management system across the HPPS. The progress made in one site was different from another site. Below is the details progress made in each location: <ul style="list-style-type: none"> ○ <u>NAD</u>: continue to support the development of community-based solid waste system in Lamkruet and Nusa. ○ <u>North Sumatra</u>: three community-based solid waste systems have been supported by ESP. One system in Percut-Sei Tuan is almost completed while other two systems just initiated. ○ <u>West Java</u>: ESP West Java extend the works in Kab. Bandung, Subang and Cianjur. Five systems will be developed in these districts. In cianjur the community groups working in this area had a training on recycle of solid waste in this quarter. ○ <u>Central Java</u>. During this quarter an assessment of existing community-based solid waste management have been conducted in Kota Yogya, Sleman, Bantul and Magelang. This work is part of rehabilitation work after the earthquake

			<ul style="list-style-type: none"> ○ <u>East Java</u>: two community-based solid waste management systems have been developed in Surabaya (Wonokromo and Tambaksari)
<p>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</p>	<p>Number of small scale sanitation plans developed and implemented</p>	<p>6 SSSSs (25 SSSSs over project life)</p>	<ul style="list-style-type: none"> • Up to this quarter, ESP has been initiated 16 community-based sanitation systems across HPPs. ESP achieved 33% target of the second year program through the completion of two small scale sanitation systems in Bandung (West Java). • The work to support the development of SSS in across the HPPs are: <ul style="list-style-type: none"> ○ <u>NAD</u>: in two locations (Lhoknga and Nusa) <u>North Sumatra</u>: four potential sites in Deli Serdang and Medan as a result from BORDA scoping study ○ <u>West Sumatra</u>: one location potentially to develop with collaboration with BORDA. ○ <u>DKI Jakarta</u>: three potential sites in Petojo Utara, Penjaringan and Jembatan Besi as for the development os community-based sanitation systems. ○ <u>West-Java</u>. Two systems have been completed and ESP will continue to support for maintenance and monitoring the quality of the program. ○ <u>East Java</u>: four potential sites community based sanitation systems (CBS) in Malang, Batu and Surabaya. Development the system in Malang will be collaborate with BORDA.
<p>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</p>	<p>Proportion of household that adopted adequate health and hygiene practices within ESP project sites</p>	<p>1% increased (= 64 HH) (5% increased/= 320 HH over project life)</p>	<ul style="list-style-type: none"> • To date progress related to achieve this outcome limited to Year 2006. Activities in the year 2005/6 are focusing more on Hand Washing with Soap therefore no overall impact on hygiene practices to be reported. • In this quarter, ESP completed the implementation of Formative Research and the communication strategy that was developed based on the results of the Formative Research. • Beside this, ESP continues to promote hand washing campaign with soap and recently it was integrated with other component activities, not only conducted in urban areas but also in rural areas.

Component: Environmental Services Finance (FN)			
Outcome	Indicator	Second Year Target	Progress
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	3 PDAMs (30 PDAMs over project life)	<ul style="list-style-type: none"> Up to this quarter, ESP has worked with 10 PDAMs in Kota Medan, Kota Bogor, Kab. Bogor, Kota Bandung, Kab. Bandung, Kab. Subang, Kota Cirebon, Kab. Magelang, Kota Surakarta, and Kota Malang. To date five of PDAM listed above have achieved Full Cost Recovery such as Kota Medan, Kab Bogor, Kota Bogor, Kab. Subang and Kota Bandung. Tariff adjustment for PDAM Kab. Bandung has been postponed while for Kota Malang is still in process
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"> The outcome cannot be achieved during the project period since it is foreseeable to be very costly and time consuming. The establishment of such board will involve among others membership, office setting, computer systems, training, operation manual, exposure, comparative study, not to mention political issue and potential duplication. BPPSPAM (Badan Pendukung Pengembangan Sistem Penyediaan Air Bersih= Supporting Board for the Development of Water Supply System), a regulatory board at national level has been established through a Ministry of Public Work Regulation (Permen PU) No.294/PRT/M/2005.
FN Outcome #3 – At least 10 DCA projects for investment in the environmental services sectors are developed and implemented	Number of projects related to environmental services sectors that execute a guarantee agreement with DCA developed and implemented	1 (10 over project life)	<ul style="list-style-type: none"> ESP collaborates with JBIC, Ministry of Finance/MoF and PT Danareksa to form Indonesian Water Fund (IWF) to develop new financing mechanism for water utilities, taking into account DCA as credit enhancer. The feasibility study for the IWF was completed, presentation has also been made to Multi-Donor Decentralized Support Facility for potential participation. The first project supported by DCA would be PDAM Kab. Bogor investment program, financed through bond issuance (see FN Outcome#5).
FN Outcome #4 – At least 5 PDAMs achieve credit rating from an international credit rating agency	Number of PDAM received national credit rating certificate	1 PDAM (5 PDAMs over project life)	Credit rating is integral to bond offerings, since the offerings require local rating to ensure market acceptance. There is no need for a credit rating if there is no bond offering. Therefore it may be unnecessary to consider this as a separate activity.

<p>FN Outcome #5 – At least 1 local government, province or PDAM is assisted in the preparation for issuance of a revenue or general bond</p>	<p>Number of PDAM, Local Government and or province successfully received additional revenue from obligation bond</p>	<p>N/A (1 over project life)</p>	<p><u>Project bond for PDAM Kab. Bogor</u>: FS for PDAM Kab. Bogor investment program was prepared. ESP continued to follow up action with Danareksa who gave strong response on the feasibility study. Action Memorandum was prepared, a review of legal due diligence issues related to the bond offering was conducted. A visit by DCA team was scheduled for the first week of October 2006. <u>Municipal bond</u>: Balikpapan has confirmed readiness to finalize scope of work for a feasibility study for bond issuance in mid 2008, aimed at raising money for environmental purposes.</p>
<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</p>	<p>1. Amount (\$) of funding generated from public or private sector to expand the impact of ESP outcomes in Aceh 2. Number of PPP developed to expand the impact of ESP outcomes in Aceh</p>	<p>1) \$ 100,000 (\$ 400,000 over project life) 2) 5 PPPs (20 PPPs over project life)</p>	<ul style="list-style-type: none"> • During this quarter, ESP Aceh had leveraged for total amount of \$12,060,000. This amount was received from 5 PPPs. This amount received from the collaboration with: <ul style="list-style-type: none"> ○ Mercy Corp for Construction of sub-surface wetland by Mercy Corps for TLC with ESP supervision ○ UNICEF for PDAM rehabilitation. ○ BRR for asphalts road to Siron 2 WTP ○ AmRC for development of 15 sub-surface wetlands built by AmRC for refugee centers on Pulau Wei ○ IFRC and OXFAM for development of two Sustainable Sanitation Workshops • To date, a total of \$12,296,000 has been leveraged to support the program in Aceh. This achievement is exceeded from the target of over life project.
<p>FN 3-1 Increase PDAM coverage through micro finance scheme</p>	<p>Master loan agreements related to microfinance outlining the responsibilities of the parties</p>	<p>N/A (11 master agreements over project life)</p>	<ul style="list-style-type: none"> • ESP will not expected to achieved the target in this year, in fact, ESP has achieved two master agreement signed respectively by PDAM Bandung District and Kota Malang with BRI and ready for promoting the micro credit scheme to the customers. • Other 6 PDAMs in West Java, Central java and East Java (Bogor District, Subang District, Kota Sukabumi, Kota Solo, Kota Surabaya and Sidoarjo District) are in draft agreement development. This work will be continued in the following quarter.
<p>FN 3-2 Assist four watershed in raising alternative finance</p>	<p>Number of watersheds receiving alternative finance</p>	<p>N/A (4 watersheds area received alternative finance over project life)</p>	<p>Progress during in this quarter is limited, however a small grant program has been awarded to RMI (Rimbawan Muda Indoensia), NGO based in Bogor to conduct a study on payment for environmental services and the development of scheme for Deli and Progo watersheds.</p>

Component: Environmentally- Sound Design and Implementation in Aceh (EA)			
Outcome	Indicator	Second Year Target	Progress
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	1 (4 over project life)	In this quarter, ESP continued to work on district spatial plans which are developing for 3 districts and 1 kota in Aceh such as A. Besar, A. Barat, A. Jaya and Banda Aceh. ESP collaborates with other institutions by contributing technical expertise. During in Year 2006, ESP collaborates with LGSP, BRR, UN and CARE to develop the plans.
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	1 (1 over project life)	The work on development of forum or network of donors, GOI and NGOs in Aceh is continuing. As ESP takes a lead through the involvement in two existing fora in Aceh. Various activities have been done to maintain the work with these fora.
EA Outcome #3 – An assessment report on the use of timber on the part of USAID-funded projects in Aceh	Assessment report completed	1 (1 over project life)	The assessment on the use of timber on the part of USAID’s funded project has not yet been completed
EA Outcome #4 – Creation of an information clearinghouse for legal and illegal sources of timber and alternative building materials	Timber information clearinghouse established	1 (1 over project life)	During in this quarter there is limited progress of the creation of clearing house. This outcome will be conducted after the assessment on source of timber and alternative building material have been completed

APPENDICES

- APPENDIX A: Up Coming Events by Region**
- APPENDIX B: Short Term Technical Assistance**
- APPENDIX C: Reports and Publications**
- APPENDIX D: Workshops and Training**

APPENDIX A: UPCOMING ACTIVITIES BY REGION

October – December 2006

ACEH:

Dates	Type	Description
October 06	Survey	Identify new site candidates through rapid assessment
October-Dec.06	SLA/SL	Conduct SLA/SL in new sites
October- Dec.06	Other	Community nursery development (6 old sites)
Nov.- Dec.06	Other	Land/coastal rehabilitation in old sites
October 06	Training	Propagation training west coast
Nov.-Dec. 06	Other	Development local policies
Nov.-Dec.06	Workshop	Workshop on Community Nursery Forum Establishment
Nov.-Dec.06	Survey	Identification of land cover of Krueng Montala (PDAM Aceh Besar) cathment area and area around spring/river in Jantho and Blang Lambaro.
2-Oct-06	Training (On The Job)	Develop PDAM Kabupaten Aceh Besar Corporate plan (Continued)
2-Oct-06	Other	Encouraging Regional support group for PDAM in NAD
2-Oct-06	Other	Support IRD and UNICEF in PDAM Capacity Building program in North Aceh
2-Oct-06	Other	Krueng Raba piped water supply development
2-Oct-06	Other (PO)	Rehabilitation of Road on Siron 2 WTP site.
9-Oct-06	Other (PO)	Laboratory Equipment completion
16-Oct-06	Other	Assessment and Implementing staff performance review (motivation program)
6-Nov-06	Other	Perparing SOP for Kantor Kebersihan dan Pertamanan Kabupaten Aceh Besar
6-Nov-06	Training	Finance School : Financial Budgeting for PDAM Banda Aceh, Aceh Besar and Aceh Barat
20-Nov-06	Training (On The Job)	Reevaluation assets in PDAM Banda Aceh, Aceh Besar and Aceh barat
Oct-Dec	Technical Assistance	Prepare spatial plans
2-7 Oct	Training	Water and Sanitation training for AmRC
Oct	Workshop	Water purification
Nov.	Technical Assistance	Participatory Small Scale Sanitation Development
Dec	Technical Assistance	Install individual septic systems
Oct	Technical Assistance	Community Water Supply System
Oct	Technical Assistance	Household sanitation system repairs in Monikeun
Oct-Dec	Technical Assistance	Spatial planning for 300household settlement in Blangpung

NORTH SUMATRA:

Dates	Type	Description
October	Livelihoods Assessment	6 new Field Assistants will make preliminary assessment of work areas in upper watershed
October	Workshop	Planning workshop for TAHURA linked activities by ESP, YLL, PALAPA
October	Workshop	Women's empowerment upstream-downstream group
October	Survey	Field Survey with YARL and BKSDA in mangrove conservation area
October	Community preparation	BORDA begins community preparation work in 4 sites in Medan and Deli Serdang with PEMDA and ESP
October	Workshop	Workshop on the design of Payment for Environmental Services
October	Financial and Management Review	5 new small grant recipients undergo review of finance and admin systems
Oct-Dec	Field Implementation	Solid waste management in Tembung and other sites with Bis Peduli collaboration
November	Multi-media campaign	Campaign on Payment for Environmental services linked to result of PES assessment
November	Training	Follow-up training for facilitators in solid waste management, Medan urban network
November	School hygiene program	Work with small grant partner PPAI begins in 5 schools
Nov-Dec.	Field Schools	Field Assistants working with partners launch Field Schools for WSM management in key areas Karo, Deli Serdang
Nov-Dec	In-Service Training	Training for PDAM's in Langkat and Karo to improve efficiency and management
November	Contract implementation	Optimization of treatment plant and distribution networks begins in Sibolga and Langkat
November	Meeting, dialogue	Meeting/workshop of the JAS Deli concerning action plan implementation
Nov-Dec	Hygiene Campaign	Hand Washing with Soap campaigns undertaken with partners and with POSYANDU linked to HSP and SWS
December	Longitudinal Study	Review case studies in all longitudinal study sites, documentary filming
December	Workshop	Mid-term review of Field School progress

DKI JAKARTA:

Dates	Type	Description
October 2006	Other	Baseline data collection, KAP (Knowledge, Attitude and Practice) quantitative survey and data analysis for CWPP program in Desa Kalijaya, Bekasi
November 2006	Workshop	Conduct a series of workshop with community as part of implementation of mini MPA-PHAST (Methodology of Participatory Approach for Promotion of Hygiene and Sanitation Transformation) for CWPP program in Desa Kalijaya, Bekasi
November 2006	Workshop	Workshop on Puskesmas Facility Assessment for 20 Puskesmas in Central Jakarta to disseminate the result of water and sanitation facilities assessment
November 2006	Other	World Water Quality Monitoring Day, support POC campaign on “Save Our Water”
November 2006	Other	Construction of MCK++ in RW 08, Kelurahan Petojo Utara, Central Jakarta
December 2006	Other	Construction and rehabilitation of existing water and sanitation facilities for CWPP program in Desa Kalijaya Bekasi

WEST JAVA

Date	Type	Description
October 2006- January 2007	Activity Implementation	Continued progress toward Kabupaten Bogor bond issuance, as well as increased SD and WSM support for Keb. Bogor PDAM, Pemda and other stakeholders
	Activity Implementation	Tariff adjustment for improving cost recovery
	Campaign	Implementation of public awareness campaign to organize 2 communities to properly use sanitation facilities constructed by local government.
	Activity Implementation	Promotion of community based solid waste management of 20 RW, developing and training community groups & cadres in 2 RW on CBSW system
	Training	Training and capacity building on operation and maintenance community water supply for 70 house holds.
	Activity Implementation	WS forum organized and ready to develop an action plan.
	Activity Implementation & Training	120 ha rehabilitated and 19 community nursery groups in 15 villages’ operational trough community action plan and training cadres. Community collaboration of 1 village to support conservation village model for TNGP. Cadres and community group received integrated watershed and HH training.

	Activity Implementation	Perdes on restriction of illegal logging and solid waste management for community.
	Activity Implementation	Perdes on land use between owners and farmers.
		A recommendation to central government to support Participatory Forest and Land Rehabilitation (RHLP)'s policy. Ministry of Forestry decree on national park zonation to promote cooperation between government and community on conservation. Guideline for PES in protected area
	Training	Numbers of posyandu cadres in Nagrak, trained and able to conduct '10 minutes M&E – mini baseline' Posyandu based data on diarrhea prevalence of under three children in Nagrak, these data will be provided to ESP 2 times a year.
	Multi-Media Campaign	Implement "Payment for Environmental Services" MMC to support policy change

CENTRAL JAVA:

Dates	Type	Description
October	Media discussion	Media discussion as a tool to strengthen media relations
October	Focus Group Discussion	Develop WSM plan for Tangsi Sub Watershed based on community plans
Oct – Dec	Regular meetings, FGD	Develop corporate plan of PDAM Kota Yogyakarta
Oct – Dec	Training, survey	Conduct PDAM customer survey through household census as part of effort to reduce NRW (PDAM Kota Yogyakarta and PDAM Kota Surakarta), including enumerator training
Oct – Dec	Regular meetings, FGD	Evaluate existing meter reading and billing system and propose system improvements (PDAM Kota Surakarta)
Oct-Dec	Workshop	Introduce community-based water supply to Sukorejo, Krumpakan, Madukoro, Sukomulyo and Wonogiri villages
Oct-Nov	Focus group discussion, training	Participatory planning process for community-based solid waste management in Ngampilan and Gamping; introduce decomposer system in Gondolayu, Ngampilan, and Gamping
Oct-Dec	Multi Media Campaign	Regular campaign using media relation approach to raise issues related to water. First topic will be overview of water quality and health.
Nov - Dec	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)
November	Site Selection	Collect data, prepare maps, and conduct site selection process for villages in Blongkeng subwatershed
November	Community Network Meeting	Planning meetings for village networking and organize community plans for 15 Villages in Tangsi
November	Focus Group Discussion	Develop WSM Plans for Tangsi and Blongkeng
November	Regular meetings, cross visit	Participatory planning process and cross visit for new community-based solid waste management system in Tangsi subwatershed
November	Workshop	Multi-stakeholder workshop on WSM plan development
December	Photo exhibition	Collaboration between ESP, NGOs and PFI
December	Community Activities	Implement the community-based initial activities in the Field School in Tangsi, such as community-based land rehabilitation and conservation in Potorono and Menoreh hills through aren planting

EAST JAVA:

Dates	Type	Description
September	<ul style="list-style-type: none"> • Event • PO • PO 	<ul style="list-style-type: none"> • Conduct community-based solid waste management (CBSWM) activities in Ketabang and Gading, Surabaya • Develop 2 community-based sanitation (CBS) activities in Kepanjen, Kabupaten Malang • Conduct sanitation program in Surabaya and Kabupaten Malang
October	<ul style="list-style-type: none"> • Need Assessment PRA Kota Malang • Need Assessment PRA Kab.Malang • Need Assessment PRA in Surabaya • WSM Workshops • Training and small grant • Small Grant • Presentation • Presentation • Presentation • PO 	<ul style="list-style-type: none"> • Integrated Community Needs Assessment in Arjowinangun • Integrated Community Needs Assessment in Curung Rejo and Jati Rejoso • Integrated Community Needs Assessment in Gading • Sequential stakeholder group workshops to develop Tahura Action Management Plan • Training for new Small Enterprise NTFP resource substitution options as an approach to reduce encroachment in the Perum Perhutani forest land in Kota Batu • Implementation of development Agroforestry by co-management mechanism in Tulungrejo villages • Development of energy audit program in PDAM Kota Surabaya and Kab. Gresik • Results of Customer Satisfaction Survey in PDAM Kota Surabaya • Results of Customer Satisfaction Survey in PDAM Kab. Malang • Survey for Output Based Aid in PDAM Kota Surabaya

	<ul style="list-style-type: none"> • ESP TA • Training • Training 	<ul style="list-style-type: none"> • Design and installation of domestic connections to Temas • Paciran cadre; Curriculum input in Paciran • TV Production Assistance for TV Wonokromo (SMKN I Surabaya)
November	<ul style="list-style-type: none"> • ToT, Work-shop, Field Day • FA/Training • PO • Event • Workshop • Comparative study tour • POC Workshop 	<ul style="list-style-type: none"> • Deepening program on Strengthening of the capacity of LMDH in Kota Batu to negotiate improved, just and realistic conservation and forest management outcomes with PERHUTANI to ensure they are effective stakeholders in land management and rehabilitation decisions. • Facilitation for community-based water system Kepanjen, Kab. Malang • Census for PDAM Kota Malang • Commence implementing CBSWM in Kepanjen and Temas, Batu • Presentation Citywide Sanitation mapping in Surabaya • Hygiene study tour from Malang to Surabaya • Networking opportunities for sustaining community environment and health volunteers in Surabaya between PKK Surabaya and Badan Pemberdayaan Masyarakat
December	<ul style="list-style-type: none"> • PO • Training • School workshops • POC Workshop 	<ul style="list-style-type: none"> • FS for water sales plan for PDAM Kab. Sidoarjo • Community based water delivery system in Malang Raya • School Puppet shows in Malang and Surabaya intervention sites • Development of a Kelompok Informasi Masyarakat” for information sharing for health and environment behavior change

APPENDIX B: SHORT-TERM TECHNICAL ASSISTANCE (Through 30 Sept 2006)

Environmental Services Program

Region	MOBIS Labor Category	Position	Name	Start Date	End Date	Approved LOE	Institution	Citizenship
Aceh	6. Senior Development Specialist (I)	Water Supply Engineer	Hendro Widodo	6/24/2006	12/31/2006	240 Days	DAI	Indonesian
West Java/DKI Jakarta	5. Senior Development Specialist (II)	Technical Analyst	Sonny Sulaksana	5/11/2006	9/30/2006	85 Days	UI	Indonesian
Aceh	8. Principal Development Specialist (I)	Hydrogeologist	Phillip Brown	6/4/2006	7/2/2006	33 Days	DAI	American
West Java/DKI Jakarta	4. Development Specialist (I)	Participatory Media and Documentation Specialist	Triyanto Adi	5/11/2006	9/30/2006	25 Days	FIELD	Indonesian
North Sulawesi	8. Principal Development Specialist (I)	PDAM Technical Specialist	Laksmi Cahyaniwati	7/23/2006	9/23/2006	60 Days	DAI	Indonesian
West Java	3. Development Specialist (II)	PDAM Technical Specialist	Ida Sukmawati	2/6/2006	8/31/2006	130 Days	DAI	Indonesian
West Java	2. Associate Development Specialist	PDAM Technical Specialist	Suhatri	2/6/2006	8/6/2006	130 Days	DAI	Indonesian
West Sumatra	5. Senior Development Specialist (II)	Sanitation Facilitator Specialist	Jamal Firdaus	1/16/2006	7/28/2006	50 Days	DAI	Indonesian
West Sumatra	3. Development Specialist (II)	Integrated Water Resource Management Specialist	Rudi Febriamansyah	5/22/2006	10/31/2006	50 Days	DAI	Indonesian
Jogyakarta	3. Development Specialist (II)	Spatial Planning & GIS Specialist	Nofaldi	16/28/06	9/30/2006	50 Days	DAI	Indonesian
National (Jakarta post)	3. Development Specialist (II)	Lead Researcher on Hygiene Improvement & Environment	Adri Amirudin	4/26/2006	7/31/2006	60 Days	DAI	Indonesian
National (Jakarta post)	3. Development Specialist (II)	Lead Researcher on Health & Hygiene Formative Study	Semiarto Aji Purwanto	4/26/2006	7/31/2006	60 Days	DAI	Indonesian
National (Jakarta post)	2. Associate Development Specialist	Lead Researcher on Hygiene Improvement & Environment	Risang Rimbaatmadja	5/11/2006	9/30/2006	80 Days	DAI	Indonesian
West Java	4. Development Specialist (I)	Conservation Education & Campaign Assistant	Prabowo Bintoro	5/11/2006	9/29/2006	90 Days	DAI	Indonesian
East Java	2. Associate Development Specialist	Junior PDAM Technical Specialist	Jumarwan	7/11/2006	9/30/2006	156 Days	DAI	Indonesian
North Sumatra	6. Senior Development Specialist (I)	Social Documentary Film Specialist	Rob Nugeent	6/5/2006	7/15/2006	30 Days	DAI	Australian
National (Jakarta post)	8. Principal Development Specialist (I)	Financial Analyst	David Woodward	9/26/2005	9/29/2006	100 Days	DAI	British
National (Jakarta post)	8. Principal Development Specialist (I)	Gender and Water Specialist	Nancy Diamond	8/11/2006	8/31/2006	25 Days	JSI	American
West Java/DKI Jakarta	8. Principal Development Specialist (I)	Project Director	Gretchen Mikeska	9/15/2006	9/30/2006	9 Days	UI	American
National (Jakarta post)	6. Senior Development Specialist (I)	Environment Health Specialist	Christopher McGahey	8/18/2006	9/13/2006	26 Days	DAI	American
Jogyakarta	8. Principal Development Specialist (I)	Financial Analyst	Ramon Hagad	6/19/2006	12/31/2006	105 Days	UI	Philippines
West Sumatra	6. Senior Development Specialist (I)	ESP TOT Trainer	Abdul Gaffur	5/11/2006	9/30/2006	100 Days	FIELD	Indonesian
West Sumatra	5. Senior Development Specialist (II)	ESP WSM TOT Trainer	Engkus Kuswara	5/11/2006	9/30/2006	35 Days	FIELD	Indonesian
West Sumatra	5. Senior Development Specialist (II)	ESP WSM TOT Trainer	Susianto Agus	5/11/2006	9/30/2006	100 Days	FIELD	Indonesian
West Sumatra	5. Senior Development Specialist (II)	ESP WSM TOT Trainer	Sutisna Wahyu	5/11/2006	9/30/2006	120 Days	FIELD	Indonesian
West Sumatra	4. Development Specialist (I)	ESP WSM TOT Trainer & Non Formal Education	Simon H. Tambunan	5/11/2006	9/30/2006	25 Days	FIELD	Indonesian
West Sumatra	7. Principal Development Specialist (II)	ESP WSM TOT Trainer	Yohanes	5/11/2006	9/30/2006	100 Days	FIELD	Indonesian
West Sumatra	6. Senior Development Specialist (I)	ESP TOT Manager	Winarto Nugroho	5/11/2006	9/30/2006	67 Days	FIELD	Indonesian
West Sumatra	8. Principal Development Specialist (I)	Environmental Management Consultant	Ernst Jan Martin	4/1/2006	9/30/2005	132 Days	DAI	Dutch
National (Jakarta post)	8. Principal Development Specialist (I)	PDAM Training Specialist	Taufan	4/17/2006	9/29/2006	90 Days	DAI	Indonesian
National (Jakarta post)	8. Principal Development Specialist (I)	Pride Course Manager	Megan Hill	7/29/2006	8/15/2006	15 Days	RARE	American
National (Jakarta post)	8. Principal Development Specialist (I)	Financial Analyst	James Coucouvinis	7/29/2006	8/15/2006	30 Days	DAI	American

Appendix C: Reports and Publications

Environmental Services Program

Series #	Date	Title	Author	Status
Annual Report				
R-0035	12/16/2005	Annual Progress Report No. 1, December 2004 through September 2005	ESP Indonesia	Final/Sent to USAID for Review
Annual Work Plan				
R-0031	10/31/2005	Nanggroe Aceh Darussalam Work Plan	ESP Indonesia	Final/Sent to USAID for Review
R-0033	04/30/2005	ESP First Annual Work Plan and Life of Project Plan	ESP Indonesia	Final/Sent to USAID for Review
Case Studies/Best Practices				
R-0049	02/08/2006	Community Based Solid Waste Case Studies		Final/Sent to USAID for Review
R-0069	12/30/2005	Kajian Penghidupan Partisipatif: Studi Kasus Sebuah Proses	Tim FIELD Indonesia	Final/Sent to USAID for Review
R-0110	07/01/2005	Studi Kasus Pelatihan Calon Pemandu Kegiatan Kajian Partisipatif Oleh Masyarakat	(STTA-Sub-contractor) Tim FIELD Indonesia	Final/Sent to USAID for Review
Consultant Report				
R-0032	11/15/2005	GIS Training Report and Assessment	Fly, Jennifer	Final/Sent to USAID for Review
R-0042	01/04/2006	PDAM Kota Bogor Stage I Report: Analysis of Financial Condition and Preliminary Financial Analysis of Feasibility of Investment Proposal	Edward David Woodward	Final/Sent to USAID for Review
R-0071	03/09/2006	Report by Simon H. Tambunan/FIELD Indonesia	Simon Tambunan	Final/Sent to USAID for Review
R-0084	01/25/2006	Micro Credit Finance of Water Connections to New PDAM Customers	Kjell Olsen	Final/Available for Distribution
R-0116		Indonesia Water Revolving Fund - Assessment of Feasibility	Andre Oosterman	Final/Sent to USAID for Review
R-0117	06/21/2006	Integrated Spatial Planning - Training Report and Recommendations	Bouvier, Ioana	Final/Sent to USAID for Review
ESP News				
R-0016	09/30/2005	ESP News, Edition 2, September 2005	IESP Team	Final/Available for Distribution
R-0017	09/13/2005	ESP News, Edition 1, August 2005	IESP Team	Final/Available for Distribution
R-0018	11/08/2005	ESP News, Edition 3, October 2005	IESP Team	Final/Available for Distribution
R-0038	12/19/2005	ESP News, Edition 4, November 2005	IESP Team	Final/Available for Distribution
R-0070	02/28/2006	ESP News Volume 1, January-February 2006	IESP Team	Final/Available for Distribution
R-0073	03/29/2006	ESP News, Volume 2, March, 2006	IESP Team	Final/Available for Distribution
R-0074	04/25/2006	ESP News, Volume 3, April, 2006	IESP Team	Final/Available for Distribution
R-0111	05/31/2006	ESP News Volume 4, May, 2006	IESP Team	Final/Available for Distribution

Series #	Date	Title	Author	Status
R-0122	06/30/2006	ESP News Volume 5, June, 2006	IESP Team	Final/Available for Distribution
R-0129	07/31/2006	ESP News Volume 6, July, 2006	IESP Team	Final/Available for Distribution
R-0131	08/31/2006	ESP News, Volume 7, August, 2006	IESP Team	Final/Available for Distribution
R-0152	09/28/2006	ESP News Volume 8, September, 2006	IESP Team	Final/Available for Distribution
Fact Sheets - Program & Component				
R-0057	08/31/2005	ESP Fact Sheet - Program Components		Final/Available for Distribution
R-0058	08/31/2005	ESP Fact Sheet - General Issue		Final/Available for Distribution
R-0059	08/31/2005	ESP Fact Sheet - Informasi umum		Final/Available for Distribution
R-0060	08/31/2005	ESP Fact Sheet - Komponen Program		Final/Available for Distribution
R-0061	10/31/2005	ESP Fact Sheet - Nanggroe Aceh Darussalam (English)		Final/Available for Distribution
R-0062	01/31/2006	ESP Fact Sheet - Nanggroe Aceh Darussalam (Indonesian)		Final/Available for Distribution
Manuals/Guidelines				
R-0002	04/13/2005	ESP Small Grants Program Manual	Wouter Sahanaya	Final/Sent to USAID for Review
R-0006	12/29/2005	Performance Monitoring Plan	Lestari, Alifah	Final/Available for Distribution
R-0014	08/04/2006	Gender Needs Assessment for the Environmental Services Program	Diamond, Nancy,with Lestari, Alifah,Pooroe Utomo, Nona,and Douren, Evi	Final/Available for Distribution
R-0075	09/30/2005	ESP High Priority Provinces Atlas	Sumartono, Sabdo	Final/Sent to USAID for Review
R-0124	03/31/2006	Pedoman Pelatihan Sensus Air Minum		Final/Sent to USAID for Review
R-0089	04/26/2006	ESP Quarterly Report No 4, January-March 2006 & ESP Quarterly Report No 4 Presentation	IESP Team	Final/Available for Distribution
Quarterly Report				
R-0004	07/19/2005	ESP Quarterly Report No. 1 January - June 2005	IESP Team	Final/Available for Distribution
R-0019	11/16/2005	ESP Quarterly Report 2 July-September 2005	IESP Team	Final/Available for Distribution
R-0047	12/31/2005	ESP Quarterly Report 3, October-December 2005	IESP Team	Final/Available for Distribution
R-0089	04/26/2006	ESP Quarterly Report No 4, January-March 2006 & ESP Quarterly Report No 4 Presentation	IESP Team	Final/Available for Distribution
R-0130	08/25/2006	ESP Quarterly Progress Report No. 5, Apr - Jun 2006		Final/Available for Distribution
Surveys				
R-0046	03/31/2005	Aceh Assessment Report	Ruhe, Edzard,Budiman, Jefry,lka, Angela,Irfan	Final/Sent to USAID for Review

Series #	Date	Title	Author	Status
Technical Reports				
R-0007	11/30/2005	PDAM Assessment Report	ESP SD Team	Final/Sent to USAID for Review
R-0045	12/15/2005	Detailed Engineering Design of Puskesmas WATSAN Facilities Phase I (4 units of Puskesmas)	Ridwan Habibie	Final/Sent to USAID for Review
R-0077	03/21/2006	ACEH BESAR -INFRASTRUCTURE OUTLINE CONCEPT PLAN	Sher Singh (ESP-STTA)	Final/Sent to USAID for Review
R-0078	03/21/2006	ACEH JAYA -INFRASTRUCTURE OUTLINE CONCEPT PLAN	Sher Singh (ESP-STTA)	Final/Available for Distribution
R-0079	03/28/2006	Multi Media Campaign I - Water for Life	Farah A, Darma L, Suko W, Syafrizaldi, Katur Nagari	Final/Sent to USAID for Review
R-0086	02/28/2006	Report of Investment Estimate, East Bogor Water Supply System Development (PDAM Tirta Kahuripan Kabupaten Bogor)	Sulaksana, Sonny	Final/Sent to USAID for Review
R-0087	02/28/2006	Penyiapan Masyarakat untuk Sanitasi Berbasis Masyarakat	Hehanusa, Selviana	Final/Sent to USAID for Review
R-0088	07/29/2005	Watershed Management Planning in ESP	Gerard, Jan	Final/Sent to USAID for Review
R-0108	05/24/2006	Merapi WATSAN rapid assessment	Hartono, Oni, Budiman, Jefry, Arianto, Eri	Final/Sent to USAID for Review
R-0113	12/15/2005	Tender Document of Construction of Puskesmas WATSAN Facilities Phase I (4 units of Puskesmas)		Final/Sent to USAID for Review
R-0115	06/16/2006	Strengthening Integration: Environmental Services and Health Outcomes	McGahey, Chris	Final/Sent to USAID for Review
R-0119	04/30/2006	ESP Agroforestry TOT Curriculum Preparation	Foley, Sean	Final/Sent to USAID for Review
R-0123	06/09/2006	ESP Conservation Assessment and Action Plan	Darrell Kitchener	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/Sent to USAID for Review
Training/Workshop Proceedings				
R-0082	02/28/2006	Training Implementation Report on Water Supply Census for Manado Municipality, North Sulawesi Province	Laksmi Cayhaniwati, Hernadi Setiono	Final/Sent to USAID for Review
R-0114	12/12/2005	ESP Watershed Management Workshop		Final/Sent to USAID for Review

APPENDIX D: Workshops and Trainings

Environmental Services Program (ESP) Indonesia

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

Training, Workshop and seminar Activities of Fourth Quarter of Second Year (Period of July - September 2006)

Type	Title	Location	Starting Date	End Date	Duration (Days)	Participants	% Female	Budget (Rp)
Total						1,612	35.45%	\$212,965.65
Training Course	Konservasi DAS - Selamatkan Kantong Air Kita	Kabupaten Langkat dan Tanah Karo	6/19/2006	7/31/2006	40		NA	Rp15,374,000.00
	Comparative Study to West Java For Community from Sunggal, Medan City and Tembung Village Kecamatan Percut Sei Tuan Kabupaten Deli Serdang. (26 June – 1 July 2006)	This comparative study will take place in Kabupaten Bandung and Tangerang West Java.	6/25/2006	7/1/2006	7	21	14.30%	Rp50,929,325.00
	ESP WSM TOT and Field School	BPTPH Sukarami, Solok District, West Sumatra Province	7/2/2006	9/17/2006	79	38	57.90%	Rp747,087,720.00
	PDAM middle Management Training West Sumatra	Padang	7/10/2006	7/22/2006	12	30	23.30%	Rp90,000,000.00
	Media relations and communications event training	Inkarla Agro Wisata - Cimacan	7/17/2006	7/21/2006	3	26	40.70%	Rp41,522,622.00
	Finance School for PDAM staff	ESP Office, Banda Aceh	7/25/2006	9/20/2006	20	24	42.30%	Rp5,802,000.00
	Training of Participatory Mapping for Community in Deli Watershed	Desa Bukum, Kecamatan Sibolangit, Kabupaten Deli Serdang	7/26/2006	7/28/2006	3		20.80%	Rp9,755,550.00
	Pelatihan bagi team formatur Perencanaan Manajemen Tahura Soeryo	Malang	8/3/2006	8/4/2006	2	15	20	Rp7,679,000.00
	Diskusi Umum tentang DAS dan Jasa Lingkungan	Kantor Aji Padang	8/9/2006	8/9/2006	1	39	25.00%	Rp0.00
	Community Based Water Supply Training in Semangat Gunung, Karo Regency	Semangat Gunung ESP Field Office Karo Regency	8/10/2006	8/13/2006	4	39	33.30%	Rp31,235,000.00
	Pemetaan Secara Partisipatif Kawasan Desa Mini ESP dan Desa PABM untuk Mendukung Penyusunan Rencana Strategi Dan Operasional	15 villages of kawasan mini ESP and 9 villages PABM Sub Distric Kajoran, Magelang distric	8/10/2006	8/21/2006	10	54	63.00%	Rp47,229,175.00

	Training and Comparative Study on community Based Solid Waste for RW 7 Kel. Ketabang Kec. Genteng Community	Surabaya	8/28/2006	8/29/2006	2	29	86.20%	Rp12,697,400.00
	Follow-up activity JAS Deli through involvement of Public Sector	Desa Sikeben, Kec. Sibolangit	9/12/2006	9/13/2006	2	25	4.00%	Rp3,527,000.00
Training Course-cont'	Training of Land and Water Conceravation Management	Kabupaten Sleman	9/18/2006	9/21/2006	4	32	6.30%	Rp22,502,100.00
	Deli Watershed Network Strengthening through Community Based Nursery and Land Rehabilitation	Sikeben, Sibolangit Sub-District, Deli Serdang District	9/27/2006	9/29/2006	3	18	11.10%	Rp7,918,750.00
	Community Based Solid Waste Management and Communication Design Trainings For Community of Tembung Village	ESP Medan and Tembung Villlage	9/29/2006	9/30/2006	2	27	55.60%	Rp4,790,500.00
Training of Trainers	Penyusunan Program Kerja untuk Pengembangan Rencana Aksi Strategis Tahura Raden Soerya	Surabaya	7/27/2006	7/27/2006	1	28	21.40%	Rp8,639,300.00
Workshop	Pengelolaan Kolaboratif Hutan Mangrove di Kawasan Suaka Margasatwa Langkat Timur Laut Berbasis Masyarakat	Stabat dan Jaring Halus	7/3/2006	7/5/2006	2	22	9.10%	Rp12,483,650.00
	Monitoring and Evaluation Workshop For Field School and Field Day - ESP C.Java/DIY	Pondok Tingal Hotel, Borobudur, Kab. Magelang	7/13/2006	9/20/2006	67	314	22.90%	Rp12,483,650.00
	PUBLIC OUTREACH & COMMUNICATIONS COORDINATION MEETING	Hotel Yasmin - Cipanas, Kab Cianjur, West Java	7/20/2006	7/22/2006	3	13	61.50%	Rp0.00
	Local Wisdom and Indigenouse knowledge of Water and Forest Conservation. (An assembly discussion of East Javanese villagers on knowledge about water protection and preservation)	Trawas, Singosari, Purwodadi, Lawang	7/23/2006	7/26/2006	4	65	23.10%	Rp67,360,160.00
	Workshop Perempuan Peduli Sumber Daya Air	Kelurahan Aur, Kota Medan	7/24/2006	7/24/2006	1	40	87.50%	Rp4,609,200.00
	Multicity Workshop on Municipalty Sanitation Strategic Planning	Mandarin Oriental Hotel - Jakarta	8/22/2006	8/24/2006	3	77	32.50%	Rp121,571,910.00
Workshop-cont'	Mid-term Workshop Evaluation	BPTP SUkarami Solok	8/25/2006	8/26/2006	2	54	42.60%	Rp4,136,000.00
	TNGP-Coordination meeting of local government in supporting policy and development planning program to Gn Gede Pangrango National Park self-reliance 2009	Bogor	9/21/2006	9/21/2006	1	40	25.00%	Rp10,000,000.00

QUARTERLY PROGRESS REPORT NO.6 JULY – SEPTEMBER 2006

Study Tour	Comparative Study on sanitation system in Bali	Bali	7/17/2006	7/21/2006	5	15	13.30%	Rp73,697,639.00
	Comparative Study of PDAM Tirta Meulaboh to PDAM Tirtanadi Medan	PDAM Tirtanadi Medan	8/11/2006	8/14/2006	4	10	60.00%	Rp40,052,550.00
Focus Group Discussion	Pendataan Watsan, Publikasi dan Persiapan Klinik sanitasi	Kantor ESP-USAID Jl.Swadaya no 5 Meulaboh	7/1/2006	7/15/2006	15	200	55.00%	Rp16,218,500.00
	SWOT : Weighting and scaling	Siron office, Aceh Besar	7/4/2006	7/4/2006	1	6	16.70%	Rp0.00
	FOCUS GROUP DISCUSSION, SOCIALIZATION AND IMPLEMENTATION OF WATER AND SANITATION PROGRAMME JULI – SEPTEMBER 2006		7/16/2006	9/30/2006	21	NA	NA	NA
	SWOT : Scoring and positioning	Siron office, Aceh Besar	7/20/2006	7/20/2006	1	6	33.30%	Rp0.00
	Vision and Mission statement	Siron WTP office, Aceh Besar	8/1/2006	8/1/2006	1	5	20.00%	Rp0.00
	Participatory Assessment for Water & Sanitation Program in 2 Vilages, In Calang. Kab. Aceh Jaya.		8/4/2006	8/7/2006	4		NA	Rp1,620,000.00
	Road Show Jasa Lingkungan	Padang	8/10/2006	8/11/2006			NA	Rp0.00
	Site Plan Wetland Communal and Training Operation and Maintanance	Lamkruet, Lhoknga, Aceh Besar	9/11/2006	10/31/2006	20		NA	Rp0.00
Focus Group Discussion-cont'	FGD and Socialization in 4 Villages (Blang Oi, Punge Ujong, Gampong Baru and Lambung) of Meuraxa sub-district Banda Aceh	Blang Oi, Punge Ujong, Gampong Baru and Lambung	9/15/2006	9/30/2006	15		NA	Rp0.00
	Participatory Planning for Communit Based Management	Sleman and Kota Yogyakarta	9/21/2006	9/21/2006	1	26	46.20%	Rp350,000.00
Farmer Field School	Sekolah Lapangan Padi SRI Organik DAS Air Dingin dan DAS Kuranji	Kota Padang	5/6/2006	9/2/2006	120	NA	NA	Rp22,550,250.00
	Mendukung Jaringan MAsyarakat 3 DAS di Kota Padang; Tindak Lanjut Pasca Penjajagan Partisipatif & Temu Lapangan di 10 Kelurahan-Kota Padang	Kota Padang & IPO Aie Angek (Kab Tanah Datar)	1/26/2006	9/30/2006	180	NA	NA	Rp39,227,150.00
	Simpul Belajar Riset Petani Forum Pedas	Kota Padang	3/4/2006	8/4/2006	150	N/A	NA	Rp14,298,200.00
	Simpul Belajar SL Padi Organik di lokasi DAS kota Padang	Kota Padang	3/15/2006	7/15/2006		N/A	NA	Rp7,275,900.00
	NAD/Training on monitoring and evaluation of SRI development in Desa Jreuk Balee	Desa Jreuk Balee, Aceh Besar	7/5/2006	7/8/2006	4	20	0.0%	Rp9,718,600.00

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	Community Field School for Sustainable Livelihood Assessment (SL SLA)	Jruek Balee Village	6/15/2006	9/9/2006	43	54.70%	22.2%	Rp92,295,000.00
	NAD/Fencing of new rehabilitation coastal plants in Desa sawang	Desa Sawang	6/12/2006	7/10/2006	29	40	28%	Rp85,268,000.00
Other Training	Training Community based Solid Waste Management and Comparative study for RW 17 Kel. gading Kec. Tambak Sari Surabaya	Panti PKK Kota Surabaya Jl. Tambak Sari	7/10/2006	7/12/2006	3	65	100.00%	Rp19,389,300.00
	Pemetaan Secara Partisipatif Penguasaan Wengkon dan Sistem Pengelolaannya Dalam Mendukung Penyusunan/Evaluasi Rencana Strategi Dan Operasional LMDH	Kota Batu	7/11/2006	7/27/2006	14	91	90.10%	Rp99,034,591.00
	NAD:Press Visit, "Land Rehabilitation at Desa Sawang"	Sawang	8/10/2006	8/11/2006	2	2	0	Rp1,912,000.00
Other Training-cont'	NAD/Establishment of Community-Based Nursery in Dusun Kuala Merisi, Aceh Jaya District	Dusun Kuala Merisi	8/13/2006	9/22/2006	41	46	21.70%	Rp40,368,000.00
	Detail Mapping in Semangat Gunung and Doulu Villages	Semangat Gunung Village (Simpang Empat Sub-District) and Doulu Village (Berastagi Sub-District)	8/21/2006	8/28/2006	8	9	11.10%	Rp14,081,135.00

ENVIRONMENTAL SERVICES PROGRAM

Ratu Plaza Building, 17th. Fl.

Jl. Jend. Sudirman No. 9

Jakarta 10270

Indonesia

Tel. +62-21-720-9594

Fax. +62-21-720-4546

www.esp.or.id