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# ANNUAL PROGRESS REPORT NO. 3

October 2006 - September 2007

# QUARTERLY PROGRESS REPORT NO. 10

July 2007-September 2007



**SEPTEMBER 2007**

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**Photo credit:** Ardita R. Çæsari, ESP Jakarta

**Caption:** The Coordinating Minister for Peoples' Welfare, Aburizal Bakrie and Gladys Verina who played as "Manda" in the hand washing public service announcement demonstrated proper hand washing with soap practice at the "National Campaign for Hand Washing with Soap" at the National Monument (Monas ) Jakarta, on May 6 2007.

Around 2,500 children took part in the event.

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

*The Environmental Services Program is implemented by DAI  
in collaboration with*





# ACRONYMS

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

ADB	Asian Development Bank
AF	Agro Forestry
AFTA	Yayasan Alumni Fakultas Pertanian Universitas Andalas
AIT	Asian Institute of Technology
Amerta	A local NGO in Cianjur
APHI	Asosiasi Pengusaha Hutan Indonesia
Apotik Hidup	A 'living pharmacy' garden of medicinal plants
ASPENTA	The North Sumatra Tree Nursery Association
AusAid	Australia Agency for International Development
Bapedalda	Badan Pengendali Dampak Lingkungan Daerah
Baplan	Badan Planologi Departemen Kehutanan
Bappeda	Badan Perencanaan Pembangunan Daerah
Bappenas	Badan Perencanaan Pembangunan National
BEST	Bina Ekonomi Sosial Terpadu
BM	Benchmarking
BHS	Basic Human Services Office of USAID
BKKBN	Badan Koordinasi Keluarga Berencana Nasional
BKSDA	Balai Konservasi Sumberdaya Alam
BORDA	Bremen Overseas Research and Development Agency
BP DAS	Balai Pengelolaan Daerah Aliran Sungai
BRI	Bank Rakyat Indonesia
BPD	Badan Perwakilan Desa
BPKH	Balai Pemantapan Kawasan Hutan
BTNGP	Balai Taman nasional Gunung Gede Pangrango
CB	Capacity Building
CBS	Community Based Sanitation
CB Watsan	Community Based Water and Sanitation
CBSWM	Community Based Solid Waste Management
CDIE	Center for Development Information and Evaluation
CGH	Clean, Green, and Hygiene
CI	Conservation International
CP	Corporate Plan
CRSPS	Collaborative Research Support Programs
COP	Chief of Party
CSR	Corporate Social Responsibility
CSS	Customer Satisfaction Survey
CWPP	Community Watersheds Partnerships Program
DAI	Development Alternatives, Inc.
Danareksa	An Indonesia Investment Corporation
DAP	Development of Assistance Program
DAS	Daerah Aliran Sungai
DBE	Decentralized Basic Education – a USAID Program
DCA	Development Credit Authority

DCOP	Deputy Chief of Party
DEWATS	Decentralized Waste Water Treatment System
DEWATS-CBS	Decentralized Waste Water Treatment System – Community Based Sanitation
Dinas KLH	Dinas Kehutanan dan Lingkungan Hidup
Dinkes	Dinas Kesehatan
DPRD	Dewan Perwakilan Rakyat Daerah
ECO Asia	Environmental Cooperation Asia – a regional USAID Program
ESP	Environmental Services Program – a USAID Program
FA	Field Assistant/Assistance
FFI	Flora and Fauna International
FGD	Focus Group Discussion
FHI	Family Health International
FKK	Forum Kesehatan Kota (Medan-based City Health Forum)
FMPS	Forum Masyarakat Pelestari Sungai (Community River Conservation Forum)
FN	Finance (One Component of ESP)
Fokal Mesra	Forum Kajian Air dan Lingkungan Hidup Menuju Selaras Alam
Forestra	Forum Rehabilitasi Sungai dan Hutan (River and Forest Rehabilitation Forum)
Forpela	Forum Peduli Air
FORKAMI	Forum Komunikasi Kualitas Air Indonesia
Fortab	
Forum DAS MP	Forum Daerah Aliran Sungai Multipihak
FPKL	Forum Peduli Krueng Lageun (Community Care for Krueng Lageun)
FS	Field School
FSN	Food Security and Nutrition
GETF	Global Environment and Technology Foundation
Ginapala	A local NGO name in Cianjur
GIRAB	Gerakan Intensifikasi dan Rehabilitasi Alam Bumiaji (Bumiaji Natural Intensification and Rehabilitation Movement)
GIS	Geographical Information System
GIST	Geographic Information System Team
GNRHL	Gerakan Nasional Rehabilitasi Hutan dan Lahan
GOI	Government of Indonesia
GTL	Geologi dan Tata Lingkungan
GTZ	Gesellschaft Technische Zusammenarbeit
H&H	Health & Hygiene
HH	Health and Hygiene
Hh	Household
HHT	Health and Hygiene Team
HI	Hygiene Improvement
HIPPAM	Himpunan Penduduk Pemakai Air Minum
HPP	High Priority Provinces
HSP	Health Services Program – a USAID Program
HWS	Hand Washing with Soap
ICRAF	International Center Research for Agro Forestry
IKK	Ibu Kota Kecamatan (Sub-district capital city)
IPANJAR	A community based fisherperson's organization in Jaring Halus, Langkat District
IPB	Institut Pertanian Bogor
IPLT	Instalasi Pengolahan Lumpur Tinja (Sludge treatment plant)

IPM	Indek Pembangunan Manusia
IPPHTI	Ikatan Petani Pengendalian Hama Terpadu Indonesia
IWF	Indonesia Water Fund
IWK	Indah Water Konsortium
ISSDP	Indonesia Sanitation Sector Development Program
Jampedas	Jaringan Masyarakat Peduli Daerah Aliran Sungai (Community Cares for Watersheds)
JAS Deli	Deli River Action Network
Jatim	Jawa Timur (East Java)
JBIC	Japanese Bank for International Cooperation
JHU	Johns Hopkins University
JICA	Japan International Cooperation Agency
JSI	John Snow International
K3A	Kelompok Kerja Komunikasi Air
KERINA	Community network in Deli Serdang and Karo Districts working on watershed management issues
KJPL	Koalisi Jurnalis Peduli Lingkungan
KTT	Kelompok Tani Tahura
LA	Local Assistant
LG	Local Government
LGSP	Local Government Support Program
LKDPH	Lembaga Kemitraan Desa Pengelola Hutan
LKMD	Lembaga Ketahanan Masyarakat Desa (Tingkat Dusun)
LMA	Lembaga Masyarakat Adat (Association of Traditional Communities)
LMD	Lembaga Masyarakat Desa (Tingkat Desa)
LMDH	Lembaga Masyarakat Desa Hutan
MAPAS	Masyarakat Peduli Alam Subang (Community Care for Subang Nature)
MCK	Mandi Cuci, Kakus (community sanitation and water facility)
MFT	Municipal Finance Team
M&E	Monitoring and evaluation
MIS	Management Information System
MMC	Multi Media Campaign
Monev	Monitoring and Evaluation
MoU	Memorandum of Understanding
MPIS	Municipal Planning Information System
MSF	Multi Stakeholder Forum
NGO	Non Government Organization
NRW	Non Revenue Water
NSIASP	Northern Sumatra Irrigated Agriculture Sector Project
NUS	National University of Singapura
O&M	Operation & Maintenance
OBA	Output-Based Aid
OSM	Office of Surface Mining
PABM	Pengelolaan Air Berbasis Masyarakat
PAM	Perusahaan Air Minum
PALAPA	An environmental NGO operating in Karo District, North Sumatra
PARAS	An NGO in Langkat active in water supply and agro-forestry
PDAM	Perusahaan Daerah Air Minum
PEMDA	Pemerintah Daerah
Pemkot	Pemerintah Kota

PERDA	Peraturan Daerah (Provincial/District Government Regulation)
PERDES	Peraturan Desa (Village Government Regulation)
PERPAMSI	Persatuan Perusahaan Air Minum Seluruh Indonesia
Perum Jasa Tirta	Perusahaan Umum Jasa Tirta
Perum Perhutani	Perusahaan Umum Perhutani
PES	Payment for Environmental Services
PFI	Pewarta Foto Indonesia
PHBM	Pengelolaan Hutan Berbasis Masyarakat
PHKA	Pengelolaan Hutan dan Konservasi Alam
PKK	Pemberdayaan dan Kesejahteraan Keluarga
PLN	Perusahaan Listrik Negara
PMP	Performance Monitoring Plan
PLTA	Pembangkit Listrik Tenaga Air
PO	Purchase Order
POC	Public Outreach and Communication
POCT	Public Outreach and Communication Team
POKJA	Kelompok Kerja
POLINDES	Poliklinik Desa
POSYANDU	Pos Pelayanan Terpadu
PoU of Water	Point of Use of Water
PPAI	Society for the Protection of Children
PPMA	Pusat Pengembangan Masyarakat Agri Karya (Center for Development of Agricultural Product)
PPP	Public Private Partnership
PPSJ	Pusat Penyelamatan Satwa Jogja
PSDA	Dinas Pengelolaan Sumber Daya Air
PSP	Private Sector Participation
PU	Pekerjaan Umum
PusdaKota	Pusat Pemberdayaan Komunitas Perkotaan Universitas Surabaya (Centre of Urban Community Empowerment, University of Surabaya)
Puskesmas	Pusat Kesehatan Masyarakat
PUSTEKLIM	Pusat Teknologi Limbah Cair
PWI	Persatuan Wartawan Indonesia
PWM	Pengurus Wilayah Muhammadiyah
Raperdes	Rancangan Peraturan Desa
RA	Regional Advisor of ESP Team
RCS	Raptor Conservation Society
RHLP	Rehabilitasi Lahan dan Hutan Partisipatif
RMI	Rimbawan Muda Indonesia
RO	Reverse Osmosis Water Purification System
RLPS	Rehabilitasi Lahan dan Perhutanan Sosial
RT	Rukun Tetangga
RW	Rukun Warga
SD	Sekolah Dasar
SD	Service Delivery (One Component of ESP)
SDT	Service Delivery Team
SENADA	Indonesian Competitiveness Program – a USAID Program
SIA	Special Concern and Imperative Areas
SIL	Special Imperative Liaison
SLA	Sustainable Livelihood Assesment
SME	Small Medium Enterprise
SO	USAID Strategic Objective

SODIS	Solar Disinfection
SOP	Standard Operating Procedures
SoW	Scope of Works
SPGB	Serikat Petani Gunung Biru
SSS	Small Scale Sewerage System
SSWP	Small Scale Water Provider
STTA	Short Time Technical Assistance
Suaka Margasatwa	Wildlife Sanctuary
SWOT	Strength, Weakness, Opportunity, Threat
SWS	Safe Water System – a USAID Program
TAHURA	Taman Hutan Raya (Provincial great park protected area designation)
TBA	To be assigned
TBD	To be determined
ToT	Training of Trainers
UGM	Universitas Gadjah Mada
UNAND	Universitas Andalas
UNIBRAW	Universitas Brawijaya
UNMER	Universitas Merdeka
USAID	United States Agency for International Development
VF	Village Facilitator
WASPOLA	Water and Sanitation Policy and Action Planning
WBP	Wadah Belajar Petani (Farmer Learning Center)
WQ	Water Quality
WB	World Bank
WBI	World Bank Institute
WFI	Water Fund Indonesia
WMD	Water Maatschappij Drenthe
WSM	Watershed Management
WSP	Water & Sanitation Program
WST	Watershed Team
WSUIS	Water Supply Utilities Information System
WTP	Water Treatment Plant
WWMD	World Water Monitoring Day
YARL	Yayasan Akar Rumput Laut (Sea-Grassroots Foundation in North Sumatra)
YBL Masta	Yayasan Bina Lingkungan Masta
YLL	Yayasan Leuser Lestari (Foundation for the Preservation of Leuser National Park)
YPP	Yayasan Pengembangan Pedesaan



# GLOSSARY OF COMMON TERMS

**Anchor Site** - An ESP approach to integrated program implementation, the full range of expertise available to ESP - as well as other USAID partners that might include HSP, Aman Tirta, FSN, DBEs and LGSP - are directed at a single community to enable its comprehensive transformation and development.

**Appreciative Enquiry** - an approach to community mobilization using participatory techniques that typically focuses more on identification of existing resources and development opportunities rather than identifying problems that constrain development.

**Best Practices** - Examples of field-based activities, operational procedures, or capacity building approaches that are successful and sustainable in social and environmental terms and can be readily adopted by other individuals or organizations.

**Blue Thread** - An ESP approach to integrated program implementation, where land management activities aimed at water source protection are integrated with household water treatment and hygiene behavior change communication among users of the water to prevent diarrhea.

**Capacity Building** - An approach to development that aims to instill commitment and improve fundamental management and technical skills within an organization, thereby making the institution more effective and sustainable.

**Capital market development** - The opening of long-term financing options through the capital markets. Specific activities involved include the development of a regulatory framework for the sale of general and revenue bonds, the evaluation of credit worthiness of potential issuers, and increasing the awareness of potential buyers.

**Cholera** - An acute, diarrheal disease caused by infection of the intestine with the bacterium *Vibrio cholerae*. The infection is often mild or without symptoms, but sometimes it can be severe. Approximately one in 20 infected persons has severe disease characterized by profuse watery diarrhea, vomiting, and leg cramps. In these persons, rapid loss of body fluids leads to dehydration and shock. Without treatment, death can occur within hours.

**Clean, Green and Hygiene** - An ESP approach to integrated program implementation, optimizing the synergies created between solid waste management and hand washing to prevent diarrhea.

**Community** - A collection of people living within a distinct area. It may be a social or a geographical grouping depending on the context.

**Community-based Natural Resource Management** - An approach to the use of renewable natural resources that relies on the empowerment of community groups to use those resources as they see fit using strategies arrived at through consensus. In an ideal situation, the use of the resources is sustainable in economic and ecological terms and the distribution of benefits occurs in a manner that is socially equitable. Many practitioners perceive a continuum ranging from strict government control of natural resources through co-management and collaborative management through to CBNRM at the other extreme.

**Community-based Organizations** - Groups of individuals within a village or group of villages or residential area with similar vested interests that have established an agreement to work together in a structured manner to achieve common objectives

**Community Conservation Awareness Campaigns** - Year-long campaigns to build awareness of and pride in local natural heritage. During the first phase, 5-7 community representatives undergo 10 weeks of intense coursework focused on strategies to increase community awareness. They then return to their communities to spend several weeks designing an awareness campaign focused on an environmental or health-related issue of importance to the community. This campaign is then implemented during the final nine months.

**Community Mobilization** - The process of building enthusiasm and commitment within a community or group of stakeholders to establish a formal working relationship in order to work together in order to accomplish a common goal.

**Community Resource Mapping** - The process of identifying the knowledge, skills and other human resources that are available within a community and the quantity and quality of natural resources that are present in the geographical area.

**Conservation** - A system that promotes the sustained existence of the natural resources.

**DAS, or Daerah Aliran Sungai** – Indonesia acronym for Watershed, referring to a region of land where water from rain drains downhill into a body of water, such as a river, lake, dam, estuary, wetland, sea or ocean. The drainage basin includes both the streams and rivers that convey the water as well as the land surfaces from which water drains into those channels. The drainage basin acts like a funnel - collecting all the water within the area covered by the basin and channeling it into a waterway. Each drainage basin is separated topographically from adjacent basins by a ridge, hill or mountain, which is known as a water divide. Also known as River Basin, Catchment or Catchment Area, or Drainage Area.

**Development Credit Authority Guarantee** - A financial tool to encourage private investment in which the US Government agrees to pay investors up to 50% of a given loan should a default occur.

**Development Pathways** - An integrated spatial planning and decision making tool that brings organizes physical, social and economic data and land-use patterns. ESP uses Development Pathways for general site selection at the watershed and sub-watershed levels, and for selecting management interventions as well as monitoring and evaluation at the sub-watershed and local planning levels.

**Diarrhea** - A condition in which the sufferer has frequent watery, loose bowel movements. For ESP's monitoring and evaluation, diarrhea is defined as three loose bowel movement in a single day. In Indonesia, diarrhea one of the leading causes of death among young children, killing more than 100,000 per year.

**Eco-regional planning** - An approach to planning watershed management interventions that takes into account the influence of broader land-use patterns on ecology and biodiversity conservation. The aim is to raise rural incomes while promoting sound farming and forestry management practices; that is, to unite conservation and development.

**Environment** - the specific combination of natural resources in an area.

**Field School** – An educational approach that makes use of the Sustainable Livelihoods Assessment to help communities gain greater control over their livelihoods and the environment in which they live. Field School participants learn how to apply technical skills in land rehabilitation, biodiversity conservation, community-based clean water and sanitation systems management, and health and hygiene. During the Field School participants develop a Sustainable Livelihoods Assessment, create plans for actions related to issues identified in the SLA plus establish a watershed management plan related to improving the functioning of the watershed.

**Geographic Information System** - A computer based system for capturing, managing, archiving, analyzing, querying and presenting spatial information.

**Geo-Referencing** - Use of coordinate geometry to locate points on the earth's surface.

**Grant** - Financial assistance provided, not as a loan that has to be repaid, for implementation of viable natural resource management proposals.

**Grantees** - Communities, Associations/Groups, Non-Governmental Organizations, Private Organizations, Entrepreneurs, Government agencies and others to whom a grant is made.

**Grant Agreement** - A written obligation on conditions for the operation of the grant endorsed by both a Representative of DAI and the Grantee.

**Income-Generating Activities** - ESP will support four types of income-generating activities that improve livelihoods while preserving the ecosystem: (a) conservation enterprises that are non-extractive and minimally disruptive (such as the harvesting of arboreal species); (b) natural resource-based enterprises (such as sustainable timber extraction); (c) agriculture (including horticulture, specialty tea, and spices); and (d) agro-industries (value-added processing including drying, juicing, fermenting, packaging, and machining).

**Incidence** - The number of new occurrences of a condition (or disease) in a population over a period of time. It is rarely used in relation to characterization of the extent of diarrheal diseases in a developing country population. It is typically expressed as a rate: X cases per a given population base (e.g. cases per 10,000 or 100,000 people).

**Indicator** - A feature or phenomenon that can be objectively measured in quantitative or qualitative terms as a means of gauging progress toward achieving a goal or measuring the impact of a specific intervention

**Milestones** - Watershed events or achievements that help verify that progress toward accomplishing goals and objectives is on track and on schedule.

**Mini-ESP** - An ESP approach to integrated program implementation, where the full range of expertise available to ESP are directed at a single watershed, administrative unit or community to achieve contributions to multiple program outcomes from all major technical components.

**Monitoring and Evaluation** - A management tool that is built around a formal process for evaluating performance and impact using indicators that help measure progress toward achieving intermediate targets or ultimate goals. Monitoring systems comprise procedural arrangements for data collection, analysis and reporting.

**Natural Resources** - Forests and woodlands, fisheries and water resources, wildlife (flora and fauna) and soil resources. In the broadest sense, natural resources include rocks and minerals, land, air and wilderness. The last two of these are typically regarded as "common resources", being freely available to all.

**Participatory Monitoring and Evaluation** - A monitoring and evaluation approach that ensures active involvement of stakeholders and beneficiaries in identifying targets, appropriate indicators, data collection procedures and reporting.

**Participatory Rural Appraisal** – an approach comprising participatory techniques and tools that facilitates interaction with and within a community or stakeholder group with a view to establishing collective goals and objectives, constraints and opportunities and begins the process of action planning. The techniques are widely used to help identify possible projects though the typical PRA toolkit has a wide variety of additional applications.

**Partners/Partnerships** - Different levels of partnership can be identified:

- Co-operation is characterized by informal relationships that exist without any commonly defined mission, structure or planning effort. Resources and rewards are separate.
- Co-ordination is characterized by more formal relationships and understanding of compatible missions. Some planning and division of roles are required and communication channels are established. Resources are made available to all participants and rewards are mutually acknowledged.
- Collaboration implies a more durable and pervasive relationship. It brings previously separated organizations into a new structure with full commitment to a common mission. Requires comprehensive planning and well-defined communication channels operating on many levels. Resources are pooled or secured jointly, as are benefits.

**Point-of-use water purification** - The purification of water at the household level through filtration, boiling, or the addition of chemicals.

**Prevalence** – The measure of a condition in a population at a given point in time (e.g. children with diarrhea now, here referred to as point prevalence). Prevalence can also be measured over a period of time (e.g. children with diarrhea during the previous two weeks or one year). This type of prevalence is called period prevalence; it is a combination of point prevalence and incidence. Period prevalence is the most common measure of prevalence used in diarrhea monitoring. Both measure of prevalence are proportions – as such they are dimensionless and should not be described as rates.

**Public Awareness Campaign** - A structured approach to transmitting and disseminating information, knowledge and understanding to the populace in general or specific interest groups using a variety of communications media.

**Remote Sensing** - Techniques for viewing and recording conditions and resources on the earth's surface without having direct contact. It emphasizes use of aerial photographs and satellite imagery.

**Service Provider** - An agency providing managerial and technical assistance to a community in a process of building the capacity of the community to become self-reliant.

**Short-term Technical Assistance** - Consultants or home office support staff engaged by ESP for periods not exceeding six months to provide support in a variety of technical areas.

**Social Marketing** – The adaptation of commercial marketing technologies and techniques to inform, persuade and motivate behavior changes which improve social welfare, i.e. for the public good.

**Stakeholders** - Individuals, communities, non-governmental organizations, private organizations, parastatals, government agencies, financiers and others having an interest or a “stake” in a project or activity and its outcome. Primary stakeholders are those ultimately affected, either positively or negatively. Secondary stakeholders are the intermediaries in the process of carrying out the program/project. They may be winners or losers, involved or excluded. Key stakeholders are those who can significantly influence, or are important to the success of the program/project.

**Strategic Plan** - A road map that outlines the long-term goals of an organization or program and details how these will be achieved by adopting specific strategies, approaches and methodologies.

**Sustainability** - The ability to continue effectively once direct project/program support has been taken away. Sustainability can be at many levels but the main focus for ESP is on the institutional sustainability of natural resource management initiatives.

**Sustainable Development** - Progress measured in social or economic terms (or both) that has been or will be accomplished without irreversible environmental degradation or social disruption. The benefits should not only outweigh the social and ecological costs but should also be founded on a rational use of resources (human and natural) that can be maintained indefinitely or perpetuated based on future conditions that can be reasonably anticipated.

**SLA or Sustainable Livelihoods Assessment** – A planning process adapted by ESP to understand water ecology and its links to health and environment. The SLA analyzes relationships between relevant factors at the micro, intermediate and macro levels, and leads to the identification of management options. The Sustainable Livelihoods Framework was initially applied to poverty reduction, and has been adapted to ESP.

**Training of Trainers** - Building of technical knowledge and training skills of a cadre of individuals charged with disseminating technical information to field practitioners.

**Watershed** - A region of land where water from rain drains downhill into a body of water, such as a river, lake, dam, estuary, wetland, sea or ocean. The drainage basin includes both the streams and rivers that convey the water as well as the land surfaces from which water drains into those channels. The drainage basin acts like a funnel - collecting all the water within the area covered by the basin and channeling it into a waterway. Each drainage basin is separated topographically from adjacent basins by a ridge, hill or mountain, which is known as a water divide. Also known as River Basin, Catchment or Catchment Area, or Drainage Area.

**Watershed Management Plan** – Iterative plan that presents information, analysis and decision making on ecological, social and economic aspects of watershed management. Such a plan includes action plans, resource budgets (financial and otherwise), and monitoring and evaluation mechanisms.

**Watershed Management Forum** – A group of stakeholder representatives from government, communities, private sector, universities, NGOs working together to plan and manage a particular watershed for mutually-determined sustainable use. Such stakeholders represent aspirations of stakeholders from the upper, lower and middle watersheds.

# COVER STORY

## NATIONAL CAMPAIGN FOR HAND WASHING WITH SOAP

The bright, Sunday morning of May 6, 2007 brought health and hygiene in Indonesia to a new level as the country's Coordinating Ministry for People's Welfare, with support from UNICEF and USAID, kicked off the National Campaign for Hand Washing with Soap. The event was held at the National Monument (*Monas*) Square in Jakarta, while the governors of West Java, East Java and North Sumatra launched similar campaigns in their respective regions. The event's main attraction was the simultaneous handwashing with soap conducted by more than 2,700 elementary school students and their mothers from 30 schools in greater Jakarta.

In Monas, the campaign started at 9 a.m. with a hand washing with soap demonstration by the Coordinating Minister for People's Welfare, Ir. Aburizal Bakrie, and Gladys Verina, the hand washing public service announcement spokesperson. The Minister of Education (Bambang Soedibyo), Minister of Health (Siti Fadilah Supari), State Minister for Women's Empowerment (Meutia Hatta), and USAID representative (Lynn Adrian) were also in attendance.



ALWIS RUSTAMI/ ESP JAKARTA

**2,500 mother and children are washing their hands with soap in Surabaya, Jakarta, Bandung.**



ESP MALANG

**Setting a new record: 7,389 mothers and children are washing their hands with soap in Malang.**

“We all should be aware of the fact that the prevalence of diarrhea in Indonesia can be reduced by as much as 40% through the habit of proper handwashing with soap at five critical times: before meals, after defecation, before handling a baby, after cleaning a child's bottom and before preparing meals,” said Bakrie in his opening remarks.

Inspired by the much-applauded national health event, the local government of Malang, East Java, conducted a record breaking handwashing with soap event on August 4, 2007. Malang Mayor (Peni Suparto) anticipates that this event will set an important milestone to remove Malang from the list of cities with the highest prevalence of diarrhea in East Java breaks. The Indonesian Museum of Records documented that 7,389 elementary Kota Malang school children and their parents simultaneously washed their hands with soap, breaking Kota Sukabumi's

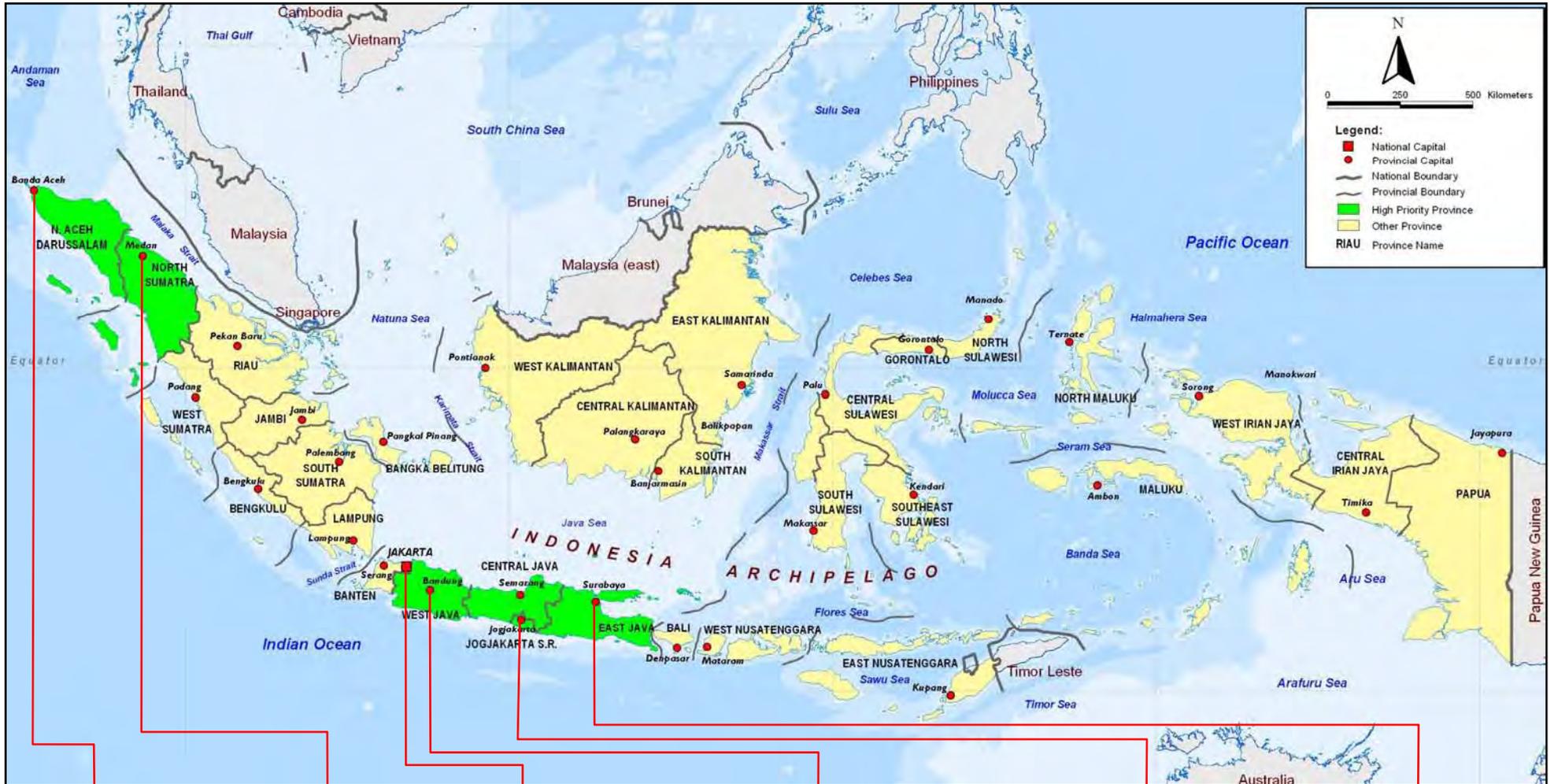
record of 2,677 people from the previous year. The Wings Group donated soap for the event and committed to donating 5000 handwashing with soap stations to Kota Malang schools in the coming year. “This record breaking means more than just numbers. It's about motivating children and parents to live a clean and healthy life,” said Peni.





**USAID**  
FROM THE AMERICAN PEOPLE

## Location of ESP Integrated Sites Activities In Indonesia for Fiscal Year 2007



<u>Nangroe Aceh Darussalam</u>	<u>North Sumatra</u>	<u>DKI Jakarta</u>	<u>West Java</u>	<u>Central Java &amp; Yogyakarta</u>	<u>East Java</u>
<ul style="list-style-type: none"> <li>• Blue Thread Strategy in Krueng Aceh W-shed</li> <li>• Clean, Green and Hygiene in Lhok Nga Sub-district</li> <li>• Coastal Mini-ESPs in West Coast Corridor               <ul style="list-style-type: none"> <li>• Support Ulu Masen Propose Areas</li> </ul> </li> <li>• PDAM Institutional Development Program</li> </ul>	<ul style="list-style-type: none"> <li>• Mini ESP inTAHURA Bukil Barisan Area</li> <li>• Blue Thread Strategy for Lau Petani Sub W-shed               <ul style="list-style-type: none"> <li>• Clean, Green and Hygiene S</li> <li>• Strategy n Medan</li> </ul> </li> <li>• Blue Thread Strategy for Wampu W-shed</li> <li>• PDAM Institutional Development Program</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Approach for DKI Jakarta Region</li> <li>• Integrated Approach for Cikarang Barat Sub-District, District of Bekasi</li> </ul>	<ul style="list-style-type: none"> <li>• Blue Thread Strategy for Cikapundung Sub W-shed</li> <li>• Anchor Sites for Cikundul - Cilaku Sub W-sheds</li> <li>• Blue Thread Strategy for Cileuleuy - Cilamatan Sub W-shed               <ul style="list-style-type: none"> <li>• Clean, Green and Hygiene Strategy for Mekarjaya</li> </ul> </li> <li>• Think Nationally, Act Locally Strategy for Cikundul &amp; Gede Pangrango NP               <ul style="list-style-type: none"> <li>• PDAM Institutional Development Program</li> </ul> </li> <li>• Innovative Financing Program for Expanded Access to Clean Water for Bogor district</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Approach for Tangsi Sub W-shed, Progo W-shed</li> <li>• Integrated Approach for Blongkeng Sub W-shed, Progo</li> <li>• Clean, Green and Hygiene Strategy for Kota Yogyakarta</li> <li>• PDAM Institutional Development Program</li> </ul>	<ul style="list-style-type: none"> <li>• Blue Thread Strategy for Sumber Brantas Sub W-shed</li> <li>• Blue Thread Strategy for Welang Sub W-shed</li> <li>• Blue Thread Strategy for Brangkal Sub W-shed</li> <li>• Clean, Green and Hygiene for Malang Municipality</li> <li>• Clean, Green and Hygiene for Kepanjen sub District               <ul style="list-style-type: none"> <li>• Anchor Site for Surabaya Municipality</li> </ul> </li> <li>• PDAM Institutional Development Program</li> </ul>



## 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 document represents the combined Annual Progress Report No. 3 for the period October 2006 through September 2007 and Quarterly Progress Report #10 for the period of July through September 2007 of the Environmental Services Program (ESP). The submission of the third ESP Annual Progress Report and tenth ESP Quarterly Progress Report is in accordance with the reporting requirements stated in Article II, Section G, Reports, of Contract No. 497-M-00-05-00005-00 (under GSA MOBIS Contract No. GS-10F-0359M).

This combined Annual and Quarterly Progress Report is presented in four main sections. Section I provides an introduction to ESP followed by a summary of major achievements during Program Year 3. Section 2 presents a more detailed description of accomplishments within each of ESP's six High Priority Provinces (HPPs). Section 3 describes achievements at the national level, including technical components and overall program management. Section 4 reviews the status of key program indicators in accordance with the ESP Performance Monitoring Plan. Five appendices are attached to the body of the report enumerating (a) Program Events, (b) Short-Term Technical Assistance, (c) Program Reports and Publications, (d) ESP Small Grants Program (as of September 30, 2006), (e) Summary of Achievement., and (f) An ESP equipment and furniture inventory list up to September 2007 is provided as a separate Annex to this report

Over the past year, ESP made significant progress toward USAID/BHS's Strategic Objective indicator of reduced prevalence of diarrhea for children under three, as well as the Healthy Ecosystems Special Objective indicator of improved natural resources management through the design and implementation of regionally-driven integrated program activities that bring together water resource protection, clean water and sanitation service delivery, and improved health and hygiene through hand washing with soap. This report documents this progress, describing innovative approaches to integration, and presenting both qualitative and quantitative results of this work. Looking ahead, ESP looks forward to building from this strong foundation, working with partners to leverage for sustainability as we try to broaden and deepen the beneficial impacts of this program.

## SECTION I.I.

# ESP OVERVIEW

## THE ENVIRONMENTAL SERVICES PROGRAM

The Environmental Services Program works with government, the 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.

The Environmental Services Program is a five-year project which was developed by USAID/Indonesia to improve sustainable management of water resources. Over the past year, ESP activities focused on the High Priority Integrated Provinces of Nanggroe Aceh Darussalam, North Sumatra, East Java, Central Java/Yogyakarta, West Java, and Jakarta. ESP supports activities in the following three inter-related areas:

- Improving health by increasing access to clean water and sanitation services;
- Improved watershed management;
- Increasing the productivity of water.

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

## OBJECTIVES OF THE ESP PROGRAM

In accordance with Section C of the Contract, ESP works with the Government of Indonesia, the private sector, NGOs, community groups and other stakeholders to strengthen watershed management and 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 (water, sanitation, solid waste) through the use of appropriate technologies, innovative financing, environmentally sustainable best practices, and sustainable market oriented activities.

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

- The Health Services Project (Maternal, Neo-natal and Child Health)
- The Food Security and Nutrition Program Partners
- The Safe Water Systems (SWS) Project

In addition, ESP collaborates very closely with other relevant programs of related USAID Strategic Objectives, such as the Local Government Support Program (LGSP), and the Decentralized Basic Education Programs (DBEI, 2 & 3). ESP also collaborates closely with USAID regional programs, most notable ECO-Asia, based out of Bangkok and working in Indonesia as well as other Asian countries.

## WHERE ARE WE AT THE END OF THE THIRD YEAR?

After three years, ESP has developed a strong base of integrated field activities managed through HPP regional offices with technical support from national component teams. These field activities, and especially the growing network of community groups, civil society organizations, government agencies at the district to national level, PDAMs and the private sector, provide a solid foundation from which ESP can now leverage in order to broaden overall impact geographically as well as to sustain achievements already made. The achievements listed below indicate the achievements contributed to Operational Plan (OP) Performance Indicators (written in *Italic*) and other ESP important achievement over the past year. They include:

- ✓ 17 collaborative programs implemented with USAID partners;
- ✓ 42 awareness campaigns implemented by ESP and ESP partners;
- ✓ 8,211 participants in ESP trainings and workshops, 27% women;
- ✓ 26 *local policies related to land tenure and community access right developed*;
- ✓ 13,092.15 hectares of degraded land rehabilitated;
- ✓ 64,261 hectares of high conservation value forest under improved local management (cumulative);
- ✓ 12 watershed management plans developed by ESP and its partners;
- ✓ 152 new community groups practicing improved NRM formed;
- ✓ 20,340 beneficiaries of ESP coastal rehabilitation in Aceh;
- ✓ 8,088 people trained in natural resources and biodiversity conservation and 1,821 people trained through ESP Field Schools;
- ✓ 61,479 households with increased access to clean water and benefiting 249,660 people get access to improved clean water;
- ✓ 4,110 beneficiaries of 13 community based solid waste management systems developed;
- ✓ 190 beneficiaries of 2 small-scale sanitation systems developed;
- ✓ 25,231 people trained in effective hand washing with soap;
- ✓ 17 PDAMs demonstrate an improved operating ratio;
- ✓ 1 regulatory guideline developed to support regulation on municipal bonds;
- ✓ *Kabupaten Bogor bond issuance on progress*;
- ✓ 10 Master Agreements signed by PDAM and local banks and 1426 households get new access to clean water. From these new connection, ESP estimates to leverage \$142,600;
- ✓ \$1,102,916.02 of resources leveraged to expand impact of ESP work;

- ✓ 4 spatial plans developed to support reconstruction of tsunami impacted area in Aceh;
- ✓ 1 hydrological study completed.

For more extensive detail and information on the overall program, please refer to the following sections.

## SECTION 1.2.

# SUMMARY OF ACHIEVEMENTS

## INTRODUCTION

Program Year (PY) 3 of the Environmental Services Program was represented most significantly by a focus on regionally-driven integrated programs in order to better ensure clear links between ESP's technical components as well as direct impact on improved health at all levels of program implementation. While the first two years of ESP were implemented from a more centrally-driven, technical component-based perspective, PY 3 saw a substantial shift to regional integrated work plans. This commenced during the PY 3 work planning process, was realized through the implementation of the year's program activities, and is reflected in program reporting to date. At the core of ESP's regional integrated work plans are a number of approaches that bring together ESP technical components using clean water as an integrating theme. They include:

**Anchor Site** - An ESP approach to integrated program implementation, the full range of expertise available to ESP - as well as other USAID partners that might include HSP, Aman Tirta, FSN partners, DBEs and LGSP - are directed at a single community to enable its comprehensive transformation and development.

**Blue Thread** - An ESP approach to integrated program implementation, where land management activities aimed at water source protection are integrated with household water treatment and hygiene behavior change communication among users of the water to prevent diarrhea.

**Clean, Green and Hygiene** - An ESP approach to integrated program implementation, optimizing the synergies created between solid waste management and hand washing to prevent diarrhea.

**Mini-ESP** - An ESP approach to integrated program implementation, where the full range of expertise available to ESP are directed at a single watershed, administrative unit or community to achieve contributions to multiple program outcomes from all major technical components.

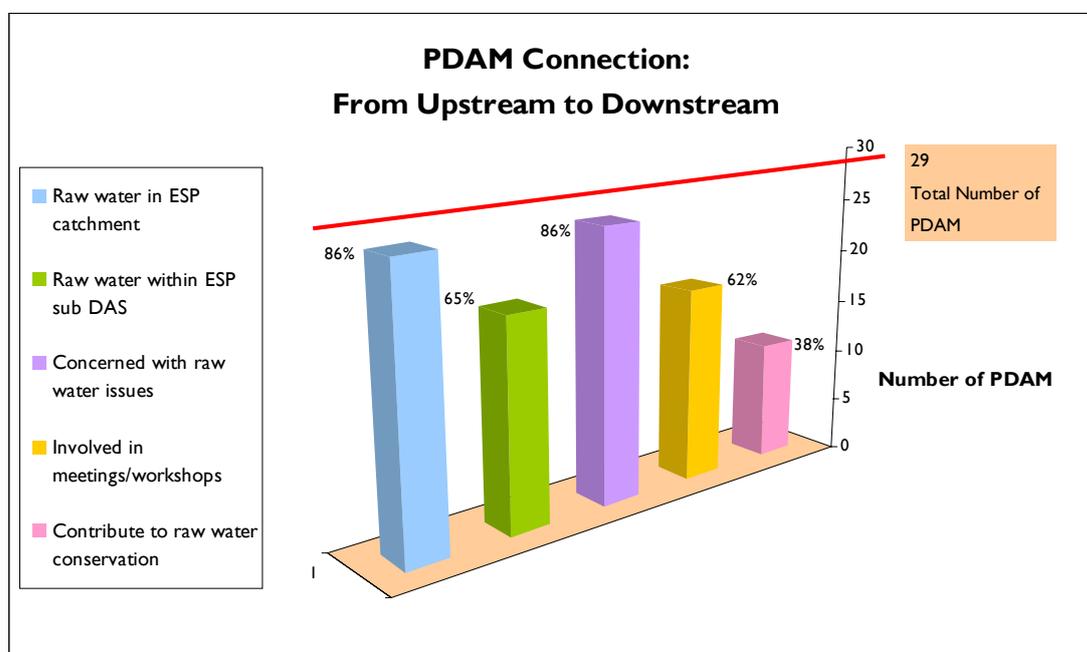
**Think Nationally, Act Locally** - This theme can accommodate a range of national initiatives that play-out and/or are supported at and adapted for the regional level. It includes a majority of the Municipal Finance work, some Protected Areas Management initiatives, some PDAM capacity building work, Community-based Sanitation, Multi-Media Campaigns, and Longitudinal Studies.

Essential tools for demonstrating upstream and downstream linkages are ESP's field schools and field days. Field Schools use water ecology as an entry point for working with upstream communities to learn about and then take action to improve water resources from both environmental and health management perspectives. In terms of environmental management, community groups learn about the role of forest cover for stabilization of water flow as well as biodiversity conservation. Community groups are able to take actions that contribute to land rehabilitation and biodiversity conservation. In terms of health management, community groups learn about clean water and sanitation as well as health and hygiene for the

prevention of diarrhea. Actions are taken for solid waste management, clean water delivery, sanitation, and health and hygiene behavior change activities. Clear links are made between successful environmental management of raw water supplies and improved health through better water resource management in the community.

Field Days bring together upstream community groups and downstream stakeholders, including government agencies, PDAMs and relevant private sector entities to learn together about the interdependence of upper watershed communities in safeguarding raw water supplies and down stream stakeholders relying on stable water supply for basic human services. Field Days provide opportunities for upper watershed community groups to market sub-catchment watershed management action plans, and for down stream stakeholders to buy-in to these plans. As a result, working together, upper watershed communities and downstream stakeholders are able to take measures to improve water supply and service delivery.

These integrated approaches combined with the Field School and Field Day tools enabled ESP to deliver more focused, integrated activities that make causal links between environmental management, clean water access and health. For example, of the 29 PDAMs that ESP worked with during PY 3, 25 PDAMs (86%) expressed an interest in and concern for raw water supply, 18 PDAMS (62%) were actively engaged in meetings and workshops focusing on environmental management of raw water supply, and 11 PDAMs (38%) provided cash or in-kind contributions to ESP upstream partners for raw water conservation. Furthermore 12 PDAMs (42%) are located within the upstream catchment area, 17 PDAMs (58%) are located in the downstream area, and 15 PDAMs (52%) are currently experiencing raw water problems. In addition, this year ESP incorporated health and hygiene behavior change activities as a core feature in all community-based initiatives, from upper watershed field schools to urban sanitation initiatives.



This section briefly highlights the main activities and achievements of ESP during Program Year 3. Sections 2, 3 and 4 of this report contain a more detailed description of these and other accomplishments during PY 3.

## REGIONAL HIGHLIGHTS

### **Nanggroe Aceh Darussalam (NAD)**

ESP NAD has evolved during the course of the year, moving from an emphasis upon building innovative, effective programs to laying the groundwork for long-term sustainability through local capacity building and accessing local resources. This has necessitated the development of a wide range of partnerships and program modes that will provide the foundation for the final two years of the program and yield effective strategies for sustaining program impact. Important achievements in Aceh over the year include:

- ESP supported three communities to establish watershed management forums, prepare watershed management action plans and begin implementing them. Two of these action plans are related to developing biodiversity programs. One of the watershed management forums, the Forum Alur Mancang Saree (or FAMS) provides an excellent example of how forums can lead to stability. ESP led construction of a water distribution system for Suka Mulia and Suka Damai villages during the year. FAMS was established to protect the forest around the intake. FAMS identified a work plan and quickly gained the attention of local government and other NGOs by establishing a protected forest area and developing intensive biodiversity and reforestation activities in the protected area. The management team of the water distribution system for the two villages in FAMS received formal and informal training in management and operations while establishing a graduated tariff. There is excitement in the villages in FAMS over both the water program and the protected area program. The more people learn in the context of these programs the more they want to take the programs to higher levels.
- ESP constructed 3 rural water delivery systems serving 700 households. Management committees for these and five other recently constructed systems were organized and trained. The committees provide increased access to clean water for 4280 rural poor.
- ESP assisted three other PDAM in Aceh to add over 4000 connections.
- ESP conducted a rural water quality monitoring program for PDAM Tirta Mountala in Aceh Besar.

#### **ESP NAD's Accomplishments Contributing to USAID's FY07 Operation Plan:**

- 4 local policies related to land tenure and community access rights were developed;
- 6,224 hectares of degraded land were rehabilitated;
- 4,832 hectares of high conservation value forest are under improved local management;
- 2,811 people were trained in natural resources and biodiversity conservation and 291 people were trained through ESP Field Schools;
- 3,703 households now have increased access to clean water;
- 90 beneficiaries of 1 small-scale sanitation systems developed;
- \$82,900 of resources were leveraged to expand impact of ESP work.

## North Sumatra

ESP North Sumatra prides itself on its upstream-downstream linkages, the large number of local partners and innovations promoted via small grants and other initiatives, the very substantial amount of funding leveraged for PDAM and community water and sanitation, and the core involvement of women in all programs. Major achievements over the year include:

- ESP supported the establishment of two watershed management forums (Forum TAHURA and ERINALSAL) for improved protected area management and conducted Field Schools in key subwatershed. Work on the forums' management plans has begun. This includes development of a partnership in Payment for Environmental Services with downstream local business Aqua-Danone.
- The Women's Forum for Watershed Management received official support from provincial BAPPEDALDA and the Women's Empowerment Bureau to participate in the upcoming MUSREMBANG development planning forum in order to secure funding from government APBD coffers.
- ESP continued to promote the involvement of women from upstream to downstream as exemplified by the women's credit unions managing clean water systems in Langkat.
- Successful completion of Phase I of the USAID-JBIC collaborative program in solid waste management in Percut Sei Tuan sub-district, Deli Serdang. ESP began Phase II of collaboration with JBIC for solid waste management and successfully leveraged funding for expansion of clean water provision with PDAMs and community sanitation with local government, and developed models for 'water for the poor' initiatives.
- Local governments in Deli Serdang and Medan provided matching funds for the construction of 3 community-based sanitation systems now under construction, including a model for a low-cost apartment complex.
- ESP North Sumatra also conducted lively and topical public outreach campaigns via media, while increasing collaboration with USAID sister projects HSP and Aman Tirta through joint implementation of activities including hand washing with soap and *Posyandu* cadre training.

### ESP North Sumatra's Accomplishments Contributing to USAID's FY07 Operation Plan:

- 1,145.6 hectares of degraded land were rehabilitated;
- 33,682.5 hectares of high conservation value forest are under improved local management;
- 790 people were trained in natural resources and biodiversity conservation and 532 people were trained through ESP Field Schools;
- 13,629 households now have increased access to clean water;
- 100 beneficiaries of 1 small-scale sanitation systems developed;
- 6,074 people were trained in effective hand washing with soap;
- \$783,335 of resources were leveraged to expand impact of ESP work.

## Jakarta

ESP Jakarta emphasizes a high level of collaboration with other USAID programs, partners, private sector and local NGOs to implement programs in selected communities throughout Jakarta. Major achievements over the year include:

- The local community, NGOs, ESP, SWS and FSN/Mercy Corps worked together in Petojo Utara RW 08, which is an USAID/BHS Anchor site, to conduct a campaign on

hand washing with soap and waste separation. Petojo also saw the installation of communal sanitation facilities, called MCK ++, which is the first of its kind in Jakarta that uses a Decentralized Wastewater Treatment System (DEWATS).

- GETF-funded Community Watershed Partnership Program (CWPP), known locally as *Cinta Air*, was jointly implemented with Coca-Cola Foundation Indonesia (CCFI), ESP and SWS in two communities adjacent to PT Coca-Cola Bottling Indonesia in Cikarang Barat, Bekasi. This was initially an ESP Anchor Site that evolved into a mini-ESP with a full range of activities from re-greening and household composting, to handwashing with soap, to well water improvements, to the construction of 4 communal latrines.
- ESP partnered with Mercy Corps, Swisscontact, URDI, and the North Jakarta Municipality on an HP3/IDRC program in Kelurahan Penjaringan, North Jakarta to conduct participatory action research on an economic valuation of community-based solid waste management and implement a pilot program on composting and recycling.

All activities in ESP Jakarta that contribute to USAID's FY07 Operation Plan are still ongoing and will be reported on next year, focusing on sanitation and solid waste.

### **West Java**

ESP West Java has built a strong foundation of activities in three subwatersheds and two national parks. ESP West Java's work has clear links between upper watershed conservation and the water utilities that depend on the raw water supply found in these upperwatersheds. Important achievements this year include:

- Three watershed management plans with village level action plans were prepared and implemented in three subwatersheds: Cikundul–Cilaku (Kab Cianjur), Cikapundung (Kota Bandung), and Cileuleuy–Cilamatan (Kab Subang). Two watershed management plans were also prepared in two special locations: Mekarjaya village (Bandung) and Gunung Gede Pangrango National Park.
- ESP also facilitated an agreement between 4 PDAM (greater Bandung area) to develop a joint management program of their raw water sources, with initial technical assistance to be provided through ADB grant, commencing in October 2007.
- ESP provided technical assistance to nine municipal water companies in areas such as non-revenue water loss reduction programs, reclassification of customers, and preparation of Standard Operating Procedures as well as micro-credit programs, debt restructuring and feasibility studies for service expansion.
- ESP assisted PDAM Kabupaten Bogor prepare to receive the first corporate bond for an Indonesian water utility, which is expected to be issued in mid-2008. This groundbreaking work will serve as a model for other Indonesian PDAM on how to mobilize alternative financing for the water sector, which is desperate for new financing tools to accelerate investment in increasing capacity of raw water sources and distribution networks to communities.
- Two community-based water supply systems were constructed and solid waste management programs were established that now serve 730 people in two villages.

**ESP West Java's Accomplishments Contributing to USAID's FY07 Operation Plan:**

- 12 local policies related to land tenure and community access right were developed;
- 1,952 hectares of degraded land were rehabilitated;
- 10,987.5 hectares of high conservation value forest are now under improved local management;
- 673 people were trained in natural resources and biodiversity conservation and 111 people were trained through ESP Field Schools;
- 7,970 households now have increased access to clean water;
- 500 beneficiaries of community based solid waste management system developed;
- 2,166 people were trained in effective hand washing with soap;
- Kabupaten Bogor bond issuance in progress;
- 3 Master Agreements signed by PDAM and local banks and 15 households get access to clean water. From these new connection, ESP estimates to leverage \$1,500 from the microcredit program;
- \$1,111 of resources leveraged to expand impact of ESP work.

**Central Java/Yogyakarta**

ESP Central Java/Yogyakarta's activities are concentrated in a smaller geographic area than most other ESP provinces in that they are focused on communities, and schools in several subwatersheds in Kabupaten Magelang (Central Java) and Kota Yogyakarta. This geographic concentration has allowed ESP Central Java/Yogyakarta to achieve a very high level of program integration among components, and has enabled ESP to work very closely with local government officials in Kabupaten Magelang, which are now highly supportive of upstream-downstream watershed management. Major achievements this year include:

- Two watershed management forums were established (in Tangsi and Blongkeng subwatersheds), which produced two WSM plans and enacted supporting village level decrees.
- ESP successfully completed a Clean Green Hygiene School program in 4 schools in Tangsi subwatershed, which the US Office of Defense Cooperation identified as excellent candidates to receive funding for school water and sanitation infrastructure improvements. ESP conducted Clean, Green and Hygiene models in five villages. More than 150 families now actively recycle and compost.
- Under an ESP small grant, a community-based water supply forum in Tangsi constructed ten communal taps and a water collection tank that now provide 140 families with access to clean water in three villages.
- A Pride conservation and awareness campaign was conducted for communities surrounding Potorono Hills that has increased the quality of conservation management in 727 ha of forest area. Eight village regulations were enacted that support sustainable community-based conservation management.
- Behavior change communication strategy was implemented in 8 Clean, Green Hygiene elementary schools and 22 Posyandu, at which more than 700 mothers of children under age five were involved. ESP also supported four Health Festivals.
- ESP supported 5 PDAM to improve their services and expand service coverage to the poor by conducting feasibility study for service area expansion, customer and non-customer surveys, Non Revenue Water (NRW) reduction analysis and practices in pilot areas, development of Standard Operating Procedures (SOP) and micro-credit program. ESP conducted capacity building of community-based water supply (Koperasi Darmowarih Tirtolestari) to increase access of clean water for poor, rural families. ESP supported development of 10 communal taps to serve more than 40 families.

**ESP Central Java's Accomplishments Contributing to USAID's FY07 Operation Plan:**

- 7 local policies related to land tenure and community access rights were developed;
- 1,090 hectares of degraded land were rehabilitated;
- 885.5 hectares of high conservation value forest are now under improved local management;
- 2,372 people were trained in natural resources and biodiversity conservation and 604 people were trained through ESP Field Schools;
- 1,842 households now have increased access to clean water;
- 1,520 beneficiaries of 4 community based solid waste management systems developed;
- 11,453 people were trained in effective hand washing with soap;
- 1 Master Agreement signed by PDAM and local bank;
- \$173,044 of resources were leveraged to expand impact of ESP work.

**East Java**

ESP East Java's activities are spread over a very wide geographic area in the upper and lower Brantas Watershed. In PY3, ESP East Java started to consolidate and integrate more of its activities by having two or more components working together in specific sites. Major achievements over the year include:

- ESP assisted PDAM Surabaya, Bank Rakyat Indonesia and Bank Jatim establish a program to enable low income families to apply for microcredit to pay for the costs of PDAM household connections.
- ESP assisted PDAM Surabaya prepare to receive an innovative grant from the World Bank called Output Based Aid (OBA), which will subsidize household water connections to help poor families who are unable to pay for the household connections even with microcredit.
- ESP provided assistance to five PDAM to improve their capacity through training programs, census of customer and non-customer, development of premium drinking water zone and standard operating procedures. ESP also supported two PDAM to conduct feasibility studies for service expansion.
- Following the well-attended national hand washing with soap campaign in Surabaya conducted on May 6, 2007, the city of Malang was inspired to implement a record-breaking hand washing with soap event, with assistance from ESP.
- The Bumiaji Intensive Land Rehabilitation Movement (GIRAB) brought multi-stakeholders together and revived the community's past tradition of seedling cultivation and tree planting to rehabilitate severely degraded lands in villages bordering the Grand Park Raden Soerjo and Perhutani. Numerous springs that feed PDAM water intakes and community water supply are located in this area, which also an important habitat for exotic orchids, birds, and mammals.
- A Pride conservation and awareness campaign was conducted for six villages surrounding Grand Park Raden Soerjo that has helped increase the quality of conservation management in 1,225 ha of forest area.
- Health and hygiene improvement campaigns reached 11 communities and 20 schools in Malang Raya and Surabaya. ESP supported the hand washing with soap campaign in Malang that also set the new national record for the greatest number of people simultaneously washing hands with soap.

**ESP East Java's Accomplishments Contributing to USAID's FY07 Operation Plan:**

- 3 local policies related to land tenure and community access rights were developed;
- 2,555 hectares of degraded land were rehabilitated;
- 13,934 hectares of high conservation value forest are now under improved local management;
- 1,442 people were trained in natural resources and biodiversity conservation and 283 people were trained through ESP Field Schools;
- 34,225 households now have increased access to clean water;
- 2,090 beneficiaries of 8 community based solid waste management systems developed;
- 5,538 people were trained in effective hand washing with soap;
- 6 Master Agreements were signed by PDAM and local banks and 1411 households now have access to clean water. From these new connection, ESP estimates to leverage \$141,100 from the microcredit program;
- \$62,524 of resources were leveraged to expand impact of ESP work.

## NATIONAL AND PROGRAM MANAGEMENT

### **Watershed Management & Biodiversity Conservation**

Through September 2007, ESP has developed a solid foundation of Watershed Management and Biodiversity Conservation areas in key sub-catchment areas in the five main High Priority Provinces, with an emphasis on sub-catchment areas in and adjacent to Protected Areas and/or forest of high biodiversity value. Significant achievements over the past year from which ESP can now scale-up from include:

- 36 Field Assistants are trained and in the field, facilitating field schools and field days across the HPPs. This year 60 field schools and 14 field days were facilitated across the HPPs. Using water ecology as an entry point, ESP has provided field school community partners with support in solid waste management, clean water and sanitation services, and health and hygiene communications and awareness in order to make a clear link between upper-watershed land management and health improvement.
- This year saw the successful integration of other ESP components into our Watershed Management work in order to help improve health, especially through reduced prevalence of diarrhea for children. Particularly through field schools and field days, ESP's WSM staff and field assistants actively coordinate with ESP Service Delivery staff for support in community-based clean water, sanitation and solid waste systems.
- ESP field schools and field days are generating financial and in-kind support from government agencies, PDAMs and the private sector. Besides demonstrating the up-stream and down-stream inter-dependence for stable supplies of quality water, this provides a foundation for sustainability. Direct funding and in-kind support facilitates the successful implementation of sub-catchment community watershed action plans.

**WSM Accomplishments  
Contributing to USAID's FY07  
Operation Plan:**

- 26 local policies related to land tenure and community access rights developed;
- 13,092.15 hectares of degraded land rehabilitated;
- 64,261 hectares of high conservation value forest under improved local management;
- 8,088 people trained in natural resources and biodiversity conservation, including 1,821 of trained through ESP Field Schools.

- Over the past year, ESP has put increased focus in working in and around forest areas of high biodiversity value. ESP's Development Pathways site selection process emphasizes the importance of forest areas of high biodiversity value, thus steering ESP toward these areas as we start work in new locations. Conservation challenges and opportunities differ substantially between Java and Sumatra. On Java, ESP is working with partners in and around small and degraded protected areas to rehabilitate already-degraded land with native species. In northern Sumatra, particularly Aceh, ESP is supporting larger initiatives for local management of more sizeable existing and proposed protected areas.
- Increased attention of Ministry of Forestry and others, including Indonesia Power, to adapt or replicate ESP's WSM work. This year ESP trained 165 park rangers in community facilitation based on our field school model for a national-scale Conservation Village program. The Ministry of Forestry has requested that this be scaled-up in the coming year. Further, the Ministry of Forestry has adapted ESP community-based land rehabilitation approaches in its participatory land and forest rehabilitation program, RHLF. Finally, Indonesia Power has requested ESP to provide technical support for a field school training of trainers for more than 40 of its staff and community cadres.

### Environmental Services Delivery

Focusing on increasing access to water and sanitation services, accomplishments over the past year include:

- Support for 25 PDAMs to substantially improve operational and financial performance and increase access to around 250,000 people (50,000 households), including leveraging of \$750,000 from local and central government to improve PDAM performance.
- Completed first phase of "water for the poor" program in Surabaya with PDAM and World Bank for 75,000 poor people (15,500 households) through the Output Based Aid mechanism. Leveraged construction budget of ca. \$ 4 million (OBA: \$ 2.5 million and PDAM \$1.5 million) and collaborated with ECO-Asia for a community survey.
- Successfully introduced "water for the poor" concept in Medan and Bandung, with ongoing activities covering ca. 1,500 people (300 households) and plans already agreed with same PDAMs for 2008 for another 17,000 people (3,400 households); also initiated pilot in Jakarta.
- Completed two Community Based Sanitation Strategic Plans (Medan, Yogyakarta) in collaboration with ADB. Work is ongoing in three more locations (Padang, Kab. Malang and Surabaya). Two Community Based Sanitation systems are already completed, twenty-two are currently under construction and ten are planned for 2008. Work completed for 13 and ongoing on 39 Community Based Solid Waste Management Systems. Regular update and meetings with Bappenas / ISSDP program.

#### SD Accomplishments Contributing to USAID's FY07 Operation Plan:

- 61,479 households with increased access to clean water and 249,660 people benefiting from improved access to clean water;
- 4,110 beneficiaries of 13 community-based solid waste management systems;
- 190 beneficiaries of 2 small-scale sanitation systems.

- New agreements with large donor agencies: ADB (raw water management 4 PDAMs + sanitation strategies); Dutch government (PDAM energy efficiency pilot), IDRC/Mercy Corps (environmental program in North-Jakarta), JBIC (phase 2 of solid waste management in Medan), World Bank (OBA for Surabaya) and ECO-Asia (water for poor in Surabaya and social marketing for sanitation – National level and piloting in Medan).
- Organized exhibition and one-day conference during Indowater 2007, showcasing ESP experiences in alternative finance, water for poor, sanitation and point-of-use water (linking up with Aman Tirta program).
- Supported introduction and implementation of Raw Water Quality monitoring program for PDAMs in Aceh and Bogor, West Java. This will be expanded to additional PDAMs in the PY 4 Work Plan.

### **Environmental Services Finance**

During PY 3, the Environmental Services Finance (FN) team continued to make progress on all aspects of its portfolio. Highlights from the year are as follows:

- Concerning progress towards *Improved PDAM Financial Management* during Program Year 3, ESP worked with water utilities to complete two 5-year corporate plans, initiate three debt restructuring proposals, and implement one tariff adjustment. Additionally, ESP developed Standard Operating Procedure templates for two PDAMs. Overall, of the 26 PDAMs from which ESP has already collected data, 18 PDAMs (or 69%) reported an increase in their operating ratio from the program's baseline.
- Program Year 3 saw the achievement of a major regulatory milestone for Indonesia's *Domestic Borrowing Policy Framework*. ESP and the regional USAID program ECO-Asia provided support to the Ministry of Finance in the development of a Ministerial Regulation on municipal bonds and the accompanying Standard Operating Procedures (SOPs). In January 2007, the Ministerial Regulation on Municipal Bond was formally issued. Then, in March, ESP and the regional USAID program ECO-Asia submitted the accompanying Standard Operating Procedures (SOP's) for the regulation on municipal bonds. Finally in the third quarter, both ESP and ECO-Asia played an important role in the follow-up socialization workshop of the Regulation and SOPs.
- ESP efforts to improve access to *Alternative Financing* in PY3 focused on two water utilities. In Kabupaten Bogor, the PDAM steadily progressed towards the planned bond issuance to finance a new water treatment plant. Major milestones included a legal due diligence study, preliminary DCA risk assessment, a raw water assessment, a corporate credit rating, written approval from the Local Government, and the procurement of the Detailed Engineering Design. In Surabaya, ESP worked with local consulting firm MLD and the Dutch Bank SNS throughout PY3 to advance a scheme to finance energy efficiency equipment for the PDAM.

Concerning the *Financing of Water Connections for Low Income Households*, a total of 10 new microcredit programs (in the form of executed agreements between a PDAM and Bank) were established in PY3 across the High Priority Provinces (bringing the total to 12 Master agreements across 8 PDAMs). Moreover, through September of 2007, a total of 1,426 households (or about 7,130 people) can now "turn on the tap" thanks the ESP-facilitated microcredit programs.

- Finally, regarding ESP's *Payments for Environmental Services* work in PY3, ESP grantee RMI completed the Payment for Environmental Services Study and submitted their final report. Based on the results of the study as well as input from ESP's Regional Offices, ESP then identified sites to implement pilot PES initiatives in the HPPs, with four PES activities under way by the end of the program year.

**FN Accomplishments  
Contributing to USAID's FY07  
Operation Plan:**

- *Kabupaten Bogor bond issuance in progress;*
- *10 new Master Agreements signed by PDAMs and local banks with 1,426 households connected under the microcredit program. Based on the number of new connections, ESP estimates \$142,600 was leveraged from domestic banks to finance new connections;*
- *\$1,102,916.02 of resources leveraged to expand impact of ESP work.*

**Strategic Communications for Behavior Change**

Program Year 3 marks the first year of managing the Strategic Communications group as an integrated team. Important achievements this year include:

- Development of health and hygiene behavior change materials and training materials, focusing primarily on proper hand washing with soap. These materials and training materials were effectively integrated into ESP work in urban and rural communities, as well as in schools.
- Design and implementation of a four-part MMC strategy that included Quarterly focus on the following issues: Clean Water and Healthy Life; Community-based Sanitation Systems; Behavior Change for the Sake of our Children; and Water for the Poor. This MMC strategy addressed key technical issues across ESP, from upstream raw water resource protection to down-stream clean water and sanitation issues.
- Effective coordination with Menko Kesra, Unicef and other government agencies, donors and donor projects, USAID partners and the private sector on a National Hand Washing with Soap campaign. This was launched on May 6 with simultaneous events in Jakarta, Surabaya, Bandung and Medan. Similar events were held in Yogyakarta and Aceh, and this sparked replication of this model in other cities including Lumajang, Gunung Kidul, Sleman, Magelang and Makassar. On August 4, Malang set a national record with 7389 students and their mothers.

**SC Accomplishments  
Contributing to USAID's FY07  
Operation Plan:**

- *25,231 people trained in effective hand washing with soap.*

## Program Management

Highlights from Program Management cross-cutting activities include the following:

- **Program Communications and Reporting:** ESP produced and distributed regular editions of ESP News in English and Bahasa Indonesia; upgraded the ESP web site; and produced more than 60 reports approved by USAID, and distributed to relevant partners and Development Exchange Clearinghouse.

**Small Grants:** To date, ESP has committed to funding 30 small grants to support ESP goals and objectives. Total commitment is \$516,211 or 51.6% of total funding of \$1,000,000 over the life of the project. 21 of these grants have been completed. Small grants have significantly contributed to ESP achievements in many ways. This includes the improvement of watershed management in targeted areas in most HPPs through small grants for replanting of critical areas with economically high value tree species as well as Pride Conservation Campaigns to support forest and biodiversity conservation. Small grants have also contributed to increased access of clean water to local communities living in upper as well as lower watershed areas in most HPP. Finally, small grants have contributed to the improvement of sanitation and solid waste management in the peri-urban areas of Medan, Padang, Bandung, Cianjur, Malang and Paciran near Surabaya.

- **Geographic Information Systems:** The GIS team continued to facilitate the implementation of Development Pathways to support decision making and management intervention activities. Development Pathways is used to determine appropriate activities related to critical land rehabilitation and biodiversity conservation, and to assist in identifying sites for community sanitation systems. Finally, Development Pathways is used in reporting, to ensure that ESP is able to communicate technical results of its work in spatial terms.
- **Monitoring and Evaluation:** ESP has maintained timely reporting for PMP indicators through regular collection and reporting of PMP intake form data. This was modified in order to accommodate SOW changes in Contract Modification #8. Additionally, ESP initiated baseline and initial reporting on Longitudinal Study sites in order to monitor the qualitative impact of ESP work through the eyes of our partners.

## SECTION 2

# ESP REGIONAL PROGRESS REPORTS

## INTRODUCTION

In this section, we present a more detailed account of activities and achievements in ESP High Priority Provinces. This section is divided into the following sub-sections:

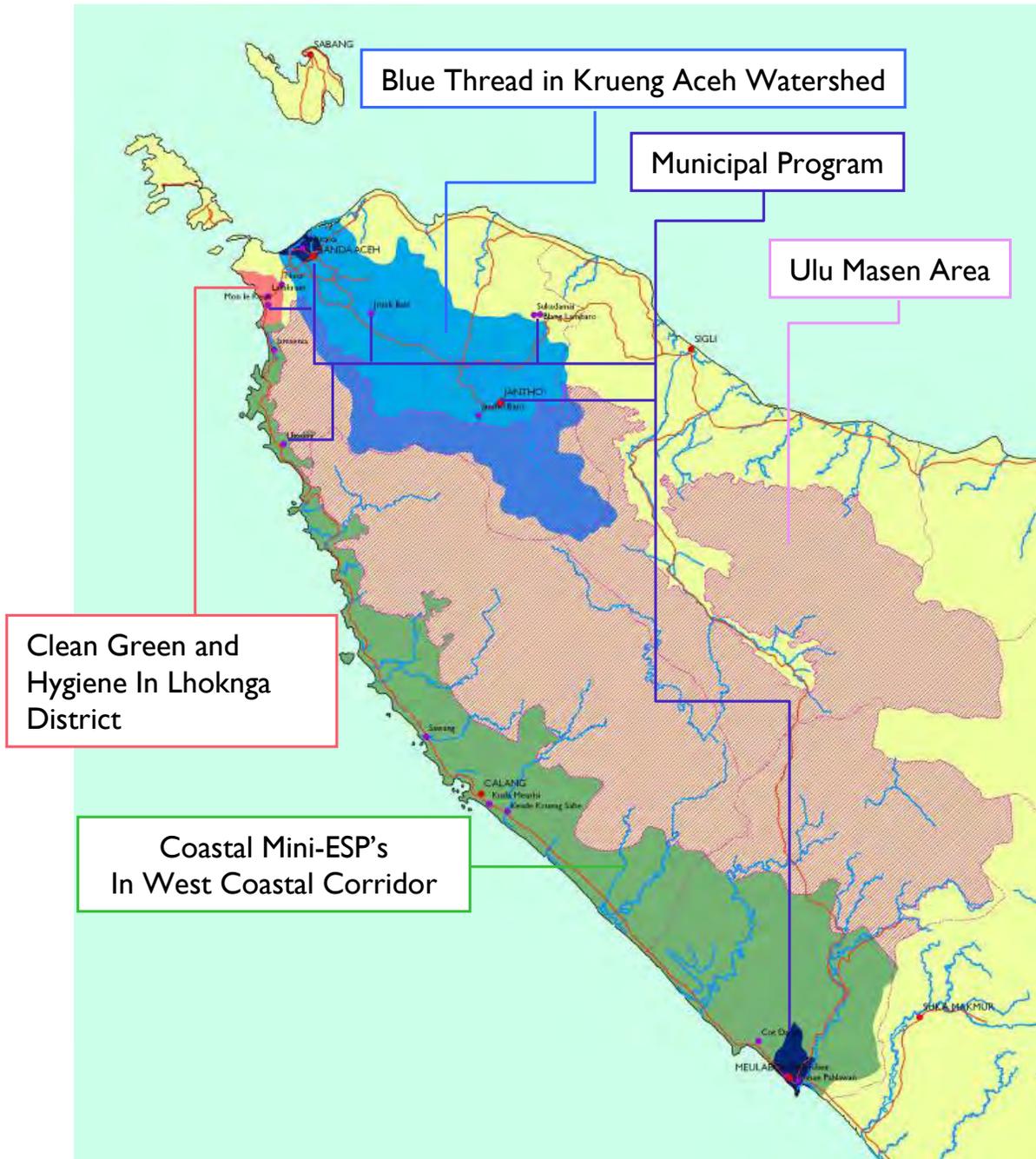
- Section 2.1. Nanggroe Aceh Darussalam
- Section 2.2. North Sumatra
- Section 2.3. West Sumatra
- Section 2.4. Jakarta
- Section 2.5. West Java
- Section 2.6. Central Java and Yogyakarta
- Section 2.7. East Java



# NANGGROE ACEH DARUSSALAM REGIONAL PROGRESS REPORT



## Map Annual Report 2007 Nanggroe Aceh Darussalam-I Location of ESP Integration Approach for Nanggroe Aceh Darussalam Region



**Legend**

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

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

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





## SECTION 2.1.

# NANGGROE ACEH DARUSSALAM REGIONAL PROGRESS REPORT

## INTRODUCTION

ESP activities this year laid the cornerstone for the future sustainability of its groups and their activities through multi-stakeholder forums.

- Three watershed management forums were established. These developed detailed action plans which are being implemented. Two of the forums are developing biodiversity programs as part of their action plans. A fourth forum began organizing during the last quarter. A total of 6,224 ha was rehabilitated by ESP, primarily in the Blue Thread (3709 ha) and West Coast Corridor (1622) integrated sites.
- ESP constructed three rural water delivery systems serving 700 households. Management committees for these and five other recently constructed systems were organized and trained. These committees provide increased access to clean water for 4,280 rural poor. The municipal team initiated a rural water quality monitoring program for PDAM Tirta Mountala in Aceh Besar. ESP assisted three PDAM in Aceh to add over 4,000 connections.
- In the Blue Thread integrated site, the Forum Alur Mancang Saree (FAMS) provides one of many examples of how forums are leading to stability. ESP led construction of a water distribution system for Suka Mulia and Suka Damai villages during the year. FAMS was established to protect the forest around the intake. FAMS identified a work plan and quickly gained the attention of local government and other NGOs by establishing a protected forest area and developing intensive bio-diversity and reforestation activities in the protected area. The management team of the water distribution system for the two villages in FAMS received formal and informal training in management and operations while establishing a graduated tariff. There is excitement in the villages in FAMS over both the water program and the protected area program. The more people learn in the context of these programs the more they want to take the programs to higher levels.
- Environmentally Sound Design accomplishments included the leadership in the development of concepts and workshops for sustainable sanitation systems; support to BHS partners in their construction efforts; completion and dissemination of the results a hydrology study; organizing and implementing a training program with GTZ and FFI on spatial planning for government in Aceh Besar; development of a water system spatial plan for Mukim Laguen in Aceh Jaya; development of a macro development plan for Lhoknga; and technical and materials support for the water/sanitation and environmental forums in NAD.

## INTEGRATED SITES

### **Blue Thread in Krueng Aceh**

Over the year, ESP assisted three communities to develop watershed management forums. FAMS and Forum Gunong Kuta (FKG) have achieved full forum status by developing and beginning implementation of action plans. ESP assisted 33 community groups to rehabilitate 3709 ha of marginal land, river corridors, and protected areas over the year. RARE implemented a Pride campaign in the FAMS region.

- FAMS, made up of stakeholders in the villages of Suka Damai and Suka Mulia, established a protected area in the forest of its watershed Kawasan Alur Mancang with an area of 600 hectares. Since the establishment of the kawasan, ESP helped FAMS to follow-up on its action plan. During the last quarter of the year activities that were organized included: bio-diversity training; a participatory survey that determined trails (with their co-ordinates) for monitoring bio-diversity and water resources; a week-long bio-diversity survey made up of FAMS stakeholders; rehabilitation of stream banks in the Kawasan Alur Mancang (500 trees planted) plus 150 ha of degraded and open land was planted; and a Field School was conducted in Suka Damai focused on bio-diversity and agriculture. FAMS hosted a team from WWF so that they could see what a watershed forum does. ESP and WWF agreed to work together to establish a forum in the Kreung Sabee area in Aceh Jaya.

### Anshari Cares

Anshari, 36 years old, is the village head of Jantho Lama. While others thought that their village policy was all about tradition, Anshari struck out to create a new tradition. “We should outlaw the mining of our river using heavy equipment. Small-scale mining is reasonable, but I’ve seen what has happened in the Krueng Aceh. Any village head that approves the use of heavy equipment should be dismissed from the position.” The group writing the policy document listened well and included both of these ideas in the village policy that was enacted in Jantho Lama on 3 September 2007. When someone else suggested that using poison or dynamite to take fish from the river be outlawed, Anshari stood up to give his support to the idea. He was on hand to put up the planks along the river announcing both of these regulations. Anshari is also a big supporter of the forum being established in the area. “We want to be part of the forum. We hope ESP will include us.”



- Forum Gunung Kuta (FKG) is made up of 10 villages, six of which lie along the Kr. Aceh. During the fourth quarter, the forum established a work plan that focuses on river protection and protection of aquatic habitat and they rehabilitated 113 ha of land. Jruék Balee has provided the key leadership for the forum. The community nursery in Jruék Balee that ESP helped to establish, Ingin Sejahtera, has spawned seven other smaller nurseries and is providing income for 20 families. The BTPPH (plant protection, horticulture) has offered to build a lab next to the nursery that would study pests and natural enemies. Nursery members have presented a series of courses on composting for ILO, FAO and the department of education. The nursery itself has become a learning center for students and farmers. AmRC has set up a program to bring Aceh Jaya farmers to the nursery to conduct to learn about composting. The nursery also provided training for four Field Schools on propagation and composting as well as for the water management team from Lampuuk.
- ESP established water delivery systems in Blang Lambaro, Suka Damai, Suka Mulia and Jruék Balee for a over 700 households this year. As part of the construction program, ESP organized water management committees in all but Blang Lambaro, where the Kecamatan Development Program established a committee. The Blang Lambaro committee failed to function and during the last quarter of the year

reorganized itself with ESP help. ESP helped the water management committee in Suka Damai and Suka Mulia providing training on management and operations. During the last quarter, the committee instituted a two tiered tariff for households and businesses connected to the system. The committee in Jruiek Balee has proposed a tariff, residents will have to pay for their water or not receive any. The committee stopped the operation of pumps during the last quarter to get people's attention.

- A new forum, Forum Sayueng Krueng Kaloek (FORSAKA), began organizing during the fourth quarter. This forum is in the Jantho area and borders on Ulu Masen along the Bukit Barisan. Four communities, Bueng, Awek, Jalin and Data Cut, began as members of the forum and a fifth, Jantho Lama, has asked to be included. They are all in the mukim of Jantho. Jantho Lama, with help from ESP and the leadership of FKG, adopted a qanum (village policy) that includes prohibitions that protect the riverine habitat in the village. Bueng was the site of an ESP Field School. FORSAKA planted 54 ha of trees during the fourth quarter.

#### **Mini-ESPs in the West Coast Corridor**

- West Coast activities are for the most part focused in three subdistricts, Setia Bakti and Krueng Sabee in Aceh Jaya, and Lhoong in Aceh Besar. During the last quarter, three Field Schools were initiated in Setia Bakti focused on water and sanitation issues. Other activities in Setia Bakti over the year included: helping the village of Sawang build a reservoir tank in dusun Mata le, re-locating their pipeline to avoid planned road construction; initiating a pipe repair program in Gampung Baru; and training residents of Sawang and Jabi communities in the reuse of solid waste.
- Over the year, the coastal rehabilitation team established 30 community groups and planted 1,622 ha of coastal area that benefited 14,470 people. Community nurseries in Sawang (Lageun Inday Group) and Kuala Meurisi (Putro Meuderam Dewi Kuala Meurisi Group) became a key organizing force. These nurseries organized community groups in nine villages to plant 536 ha. Amiruddin at the nursery of Kuala Meurisi was the first person in the region to successfully start casuarinas from seed. The new ICRAF program is hiring both Amiruddin and Suleiman from Sawang as propagation trainers.
- ESP's work in Lhoong began early in the program year because the 22 village water delivery system built during the post-tsunami emergency was not functioning. ESP has stepped in to help create a functioning management system that will charge a tariff for water so that there are funds to maintain the system. During the last quarter ESP began six Field Schools in Lhoong, all are led by village facilitators who went through the two Field Schools conducted in Lhoong earlier in the year. In six villages in Mukim Blangmey, the water committee (OPAM) was trained to find and repair broken water pipes. In Gapuy, 60 households were involved in planning for a small water system. In Glee Broek with Oxfam, ESP conducted a census of how many residents were interested in taking part in a solid waste program.

### **Burhanuddin: A Village Facilitator**

35 year old Burhanuddin comes from Glee Bruek in Lhoong. Known as Dek Gam (Little Brother), he has a wife and a five year old girl. For three years, he worked as a shop assistant in the village, and then his village disappeared with the tsunami. He joined the first Field School in Glee Bruek in September of 2006. "The Field School helped me to be able see and understand what was going on in our village. As a group we were able to identify problems that we could take responsibility for and solve." Five months later he took part in a TOT for village facilitators that ESP conducted. In July of 2007 he was facilitating a Field School. "The first time we talked about water one of the participants said that he couldn't talk about water as he didn't have any. I didn't know how to respond. But I tried to help him and the others to analyze their situation."

"I have learned a lot from ESP. They have helped me to become more confident. I speak out now in meetings where before I would either not attend or simply remain silent. I know how to help others solve their problems. I am able to improve how my family and I live."

His new found self-confidence helped Burhanuddin to approach the Indonesian NGO Obor Berkat. They gave him a grant of 5 million rupiah which he used to start up a small business selling mie. He has since received a grant from French Triangle with which he expanded his business.



ESP NAD

**Dek Gam**

### **Ulu Masen**

Ulu Masen lies at the northern end of the Bukit Barisan or the cordillera of mountains that run along the west coast of Sumatra from Aceh to Lampung. Six of the eight villages that make up Forum Peduli Kreung Lageung (FPKL), border or lie inside the Ulu Masen area.

- FPKL was organized during the second quarter with the assistance of ESP and established a workplan during the third quarter. During the last quarter, the forum began implementing its action plan. FPKL planted 100 ha as part of its land rehabilitation program. The forum also established a protected area known as Kawasan Perlindungan Mata Air Krueng Terbang (KALIMAT) consisting of 1082 ha of forest area that FPKL will manage. Following the establishment of KALIMAT, the forum established two trails in the area, one for monitoring their water resources in the protected area and another for monitoring biodiversity. The forum with the help of an ESP engineer also developed a preliminary design for a water delivery system that they want to find a donor for. ESP conducted a Field School in agro-forestry in Pante Kuyuen during the third quarter of the year.

### Pante Kuyun Cleans Up

“With the arrival of ESP we have cleaned up our village,” says Amirruddin of Pante Kuyun and chairperson of FPKL. “After years of conflict, Pante Kuyun found itself in a state of disrepair. ESP helped farmers plant cacao by providing seedlings from the Sawang community nursery.”



ESP NAD

Forum Peduli Kreung Lageun (FPKL)

“ESP helped us get cacao seedlings with the condition that we had to fence in the space where we were going to plant the seedlings. Without even noticing it, after we put up our fences, people took a greater interest in keeping their yards and gardens neat. And before you knew it, we had a whole village that was clean.”

“Now with the Field School we have learned more about how to grow cacao. We also made compost and then tested it. ESP has helped us a lot. What remains is for us to build upon what ESP has started.”

### Clean Green and Hygiene in Lamkruet and Nusa

ESP organized activities in the villages of Lamkruet, Lampuuk, Monikuen, Nagaumbang and Nusa in Lhoknga during the year. Lamkruet was an early site of ESP and during the year ESP completed rehabilitating an MCK for 18 households in the sub-village of Mon Bungon. A women’s group is managing this facility.

- The Lampuuk Field School was completed during the fourth quarter. The process of the Field School was used to help organize a water management committee for a system built by Oxfam. Specialized training on pipe repair and management was given to the committee. A Field Day, attended by local government and many NGOs, was used as an opportunity to present and confirm a grand strategy related to the Lhoknga spatial plan. This Field School began the process of bringing this community back together after years of conflict and the trauma of the tsunami. For the first time in 10 years, the community organized and carried out a major project together: the rehabilitation of an access trail to the source of the community’s water delivery system. Over 100 adults who participated in this event were amazed by this activity. This is the true value of Field Schools in Aceh; they are rebuilding communities.

## Dachlan, the Waterman

Dachlan, a 45 year old resident of Lampuuk, is helping his community to recover from the tsunami. Lampuuk lies directly on the coast and less than a third of its population survived the tsunami. Dachlan has been a leader in the ESP Field School and participates in the water committee that was established to manage the new water delivery system built by OXFAM.

“Prior to the tsunami we had installed a pipe system to bring water into the village, but it didn’t work very well. There were shortages, the water was often dirty, and eventually the pipes leaked badly. Oxfam has put in a system that delivers water to all of the new houses in the village.”

Dachlan is part of the team that oversees the intake for the system. “Each week, several of us go and clean leaves away from the intake to keep the water flowing.” Dachlan helped to organize the Field School activity that brought 100 people together to expand and improve the trail that leads up to the intake on the side of a low hill on the north side of the village. “This was an important event. This was the first ‘gotong royong’ that we have held in the village since the conflict. The village has to take responsibility for the system that brings it water.”

Dachlan has also been taking part in the water quality management program for the system. “Once a month we take a sample from the intake and from a house. Our water is good. This activity has helped us to get well acquainted with the PDAM system. Oxfam built this system, but ESP is helping us to learn how to keep it working.”



ESP NAD

Dachlan, the Waterman

- ESP facilitated the development of a construction project over the year that will bring water to the villages of Monikeun and Lamkruet. BRR, THW (a German NGO) and UNICEF have contributed the funds and technical management. The MOU for the project states that ESP will provide the capacity building at the village level to ensure the community can manage the system. The PDAM will provide long term technical support. ESP began discussing this project with different NGOs some 15 months ago. This quarter has seen the project become a reality with designs being developed by THW and UNICEF putting out the tendering documents for the first stage of the project. UNICEF estimates that this first stage, which it will fund, will be around US \$500,000.
- ESP has helped Nusa residents gain access to PDAM water. During the fourth quarter the PDAM completed reconstruction and repair of the system in the village. Thirty additional households were connected to the system over this period. ESP has trained the water management committee organized by Ikrar. ESP also facilitated an MOU among Ikrar, the PDAM and village government. This MOU guarantees Ikrar 15% of the money that they collect as water charges to households to cover costs of operating the collections and maintenance program. This program

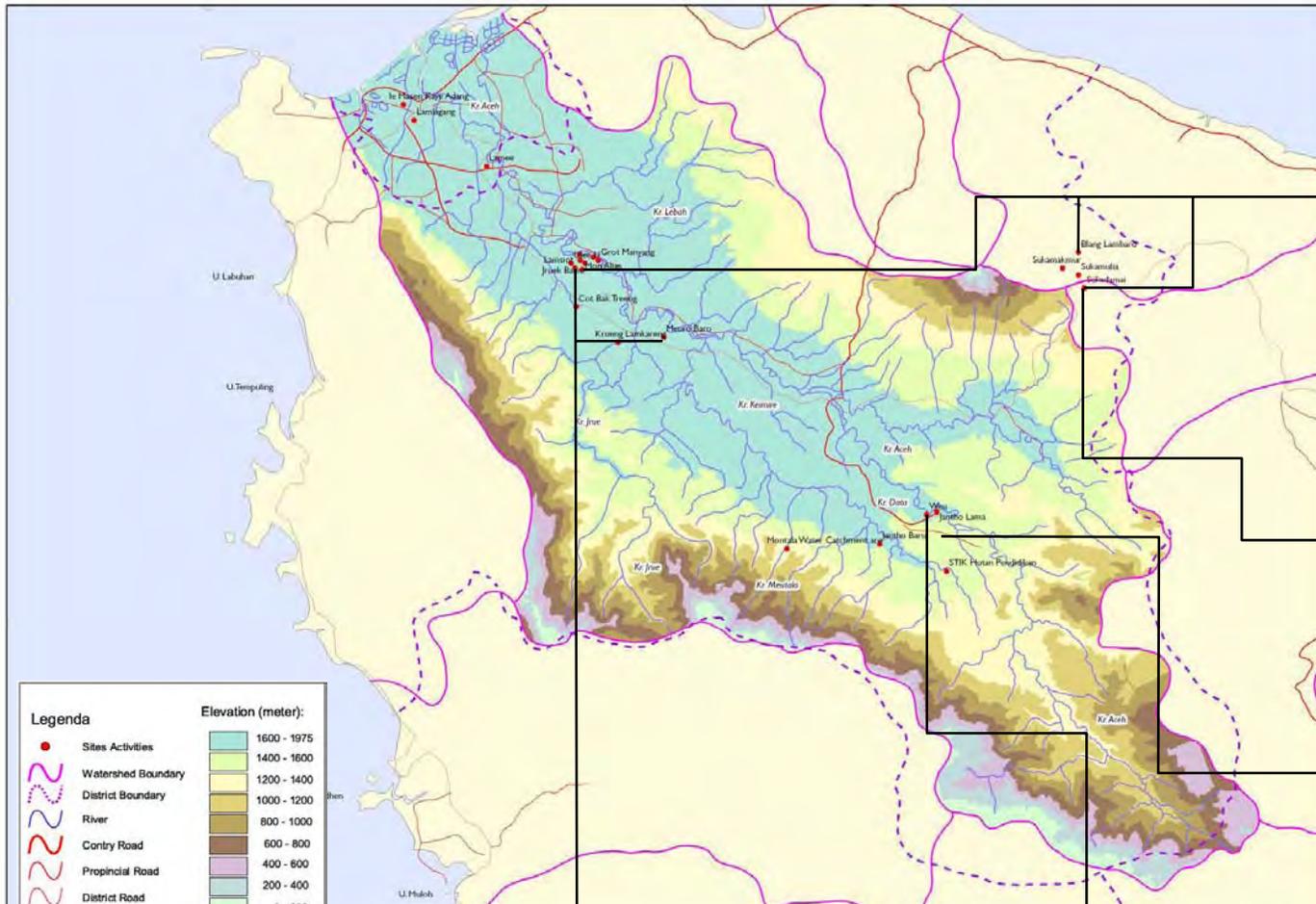
was presented by Nusa staff at Indowater 2007 conference in Jakarta and received a lot of supports from the audience.

- In Nagaumbang, ESP through a local NGO, PENA, organized a cleaning of the Krueng Raba early in the year. Following this, ESP and the community group Naga Marga planted 3800 trees (including 3100 mangrove trees) along the river. Monitoring of this three months later revealed that over 90 % of the trees survived. This was the first opportunity for ESP Aceh to plant mangroves. The Krueng Raba is the first river crossing of the USAID funded road to Calang. During the fourth quarter, ESP completed a design for a water delivery system in the village, which will be promoted to other organizations for funding.

### **Municipal Water Sector**

- The water quality monitoring program for rural delivery systems of ESP is active in the Blue Thread, West Coast Corridor, and Lhoknga integrated sites. Water quality tests reveal that nine out of the 10 sampling sites fall into the category of clean water. The sample from the bore well in Jruék Balee showed the water to be very hard with high levels of iron and magnesium as well as E. Coli. The water management team will need to take steps to set up an active filter unit. There are other positive results of this program, village teams are now connected to the PDAM, conscious of water quality and are taking actions needed to maintain good quality water. This is a one of a kind program in Aceh and actively supported by PDAM Tirta Mountala.
- During the last two quarters, the municipal program conducted a customer satisfaction survey for PDAM Tirta Mountala in Aceh Besar. Generally, customers were satisfied and overall gave the PDAM a 70% rating; only one system in the PDAM's multi-system complex was unhappy with their service. Results of the survey were presented to the PDAM, and ESP is working with the PDAM to plan actions to improve and strengthen customer relations. ESP also helped the PDAM add 2,500 connections, increase billing efficiency to 68%, establish a corporate plan and establish an accounting system, in collaboration with ESP Finance team.
- ESP provided intensive support to PDAM Tirta Meulaboh over the year. A census (around 6,000 households) was conducted that has allowed the PDAM to determine the condition of its system. The census provided the basis for the work to develop a new tariff during the last quarter and for the planning of new connections to be supported by donors. ESP helped the PDAM to restructure its organization, develop and implement a new and complete set of SOPs which among other things improved the speed of installing new connections, increase billing efficiency from 46% to 64%, implement a financial reporting system and conduct an open and transparent recruitment intake for eight new staff. The PDAM added 68 new connections during the year.
- ESP supported improvements in organization, develop standard operating procedures, accounting, budgeting and financial management in Tirta Daroy in Banda Aceh. The PDAM added 1,500 connections. An asset management program was initiated for PDAM Tirta Daroy in Banda Aceh and Tirta Mountala. Staff from both PDAM were brought together for an initial training and on-the-job training was begun. Tri-weekly meetings will take place to review progress. The target is to complete this complex task by the end of the year. This inventory is very necessary as records were never complete, the tsunami wreaked havoc with records and assets, and donors have significantly changed the asset profiles of the two PDAM.





Establish community water delivery system with management committees to supply water to over 700 households in Blang Lambaro Sukamulia Sukadamai and Jruak Balee



Establish Forum Alur Mancang (FAMS) to protected 600 ha of forest in Alur Mancang Watershed. Community conducting biodiversity program and monitoring water quality.



Establish Forum Kuta Gunong (FKG). Made up of 10 villages (6 along Kr. Aceh). FKG is protecting river and aquatic habitat. They rehabilitated 113 hectares of land. ILO, FAO and American Redcross using trainers and nursery from Jruak Balee.



Anshari, head of Jantho Lama, creates a new tradition. "We should outlaw the mining of our river using heavy equipment. Small scale is reasonable, I care about our environment." Anshari is supporter of new forum being established in the area. "We want to be part of the forum. It would be of great use to us."



Establishing Forum Sayueng Krueng Kaloek (FORSAKA). The area borders on Ulu Masen along the the eastern slopes of Bukit Barisan. Rehabilitated 54 ha Field School conducted in one village of forum.





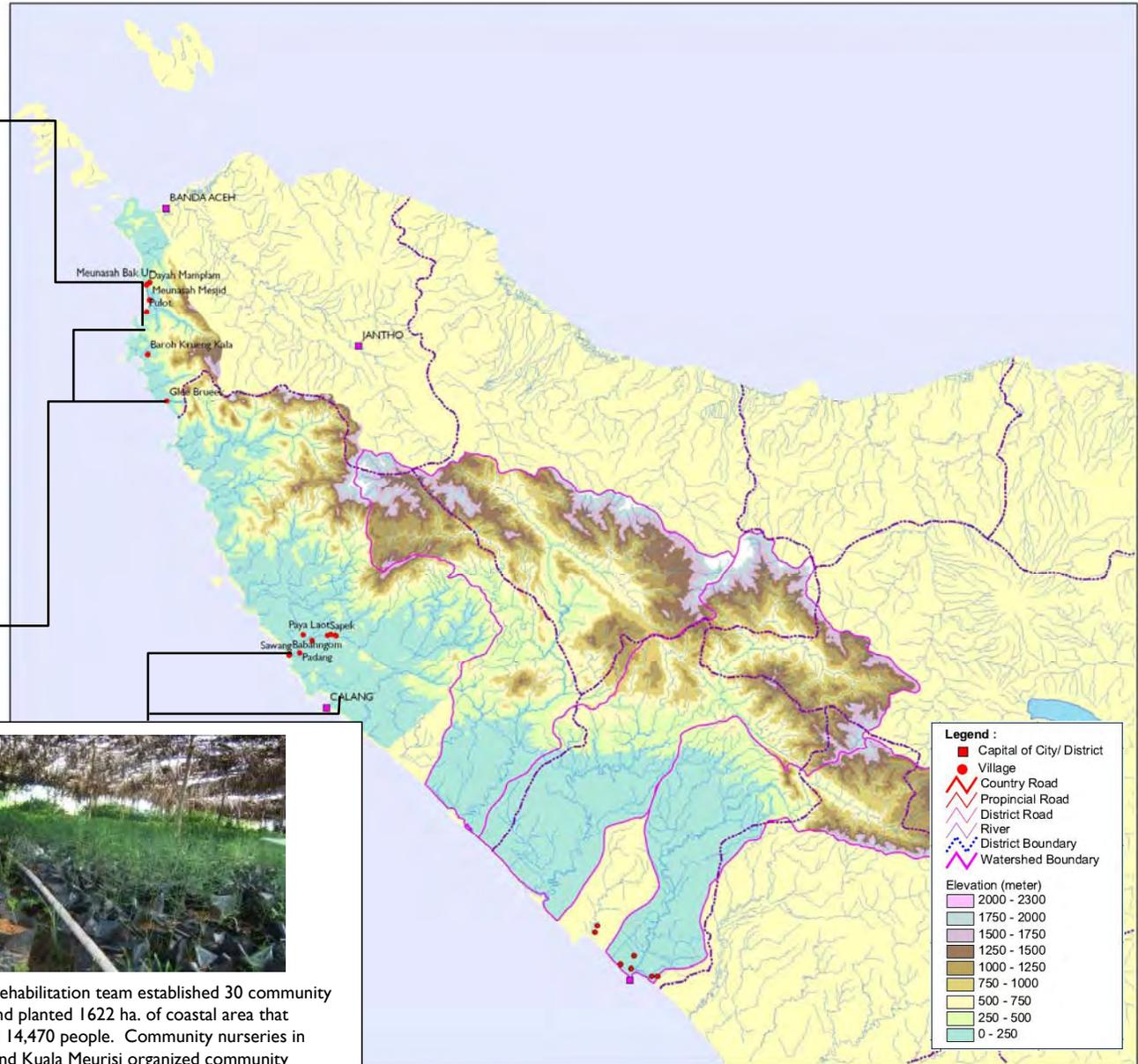
Burhanuddin joined the first Field School in Glee Bruek in September of 2006. "The Field School helped me to be able see and understand what was going on in our village." Now he is facilitating a Field School after going through a ToT.



ESP is helping to create a functioning management system for water delivery system carrying water to 22 villages. In mukim Blangmey the water committee (OPAM) was trained to find and repair broken water pipes. In Glee Broek with Oxfam began a solid waste program.



Coastal rehabilitation team established 30 community groups and planted 1622 ha. of coastal area that benefited 14,470 people. Community nurseries in Sawang and Kuala Meurisi organized community groups in nine villages to plant 536 ha.



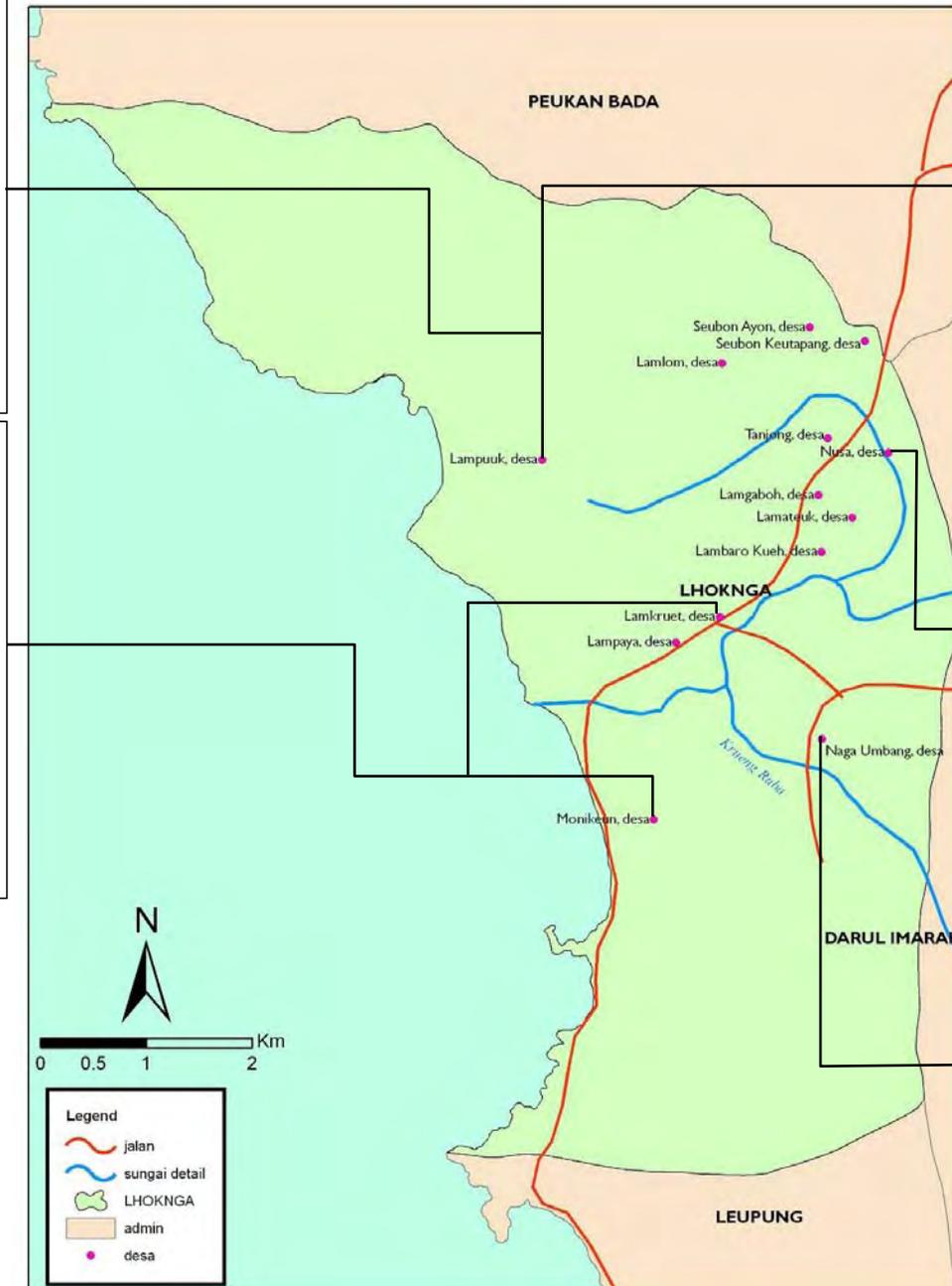




The Lampuuk Field School was completed successfully bringing community together for work program for first time in 10 years. Specialized training on pipe repair and management was provided to water management committee.



ESP facilitated the development of a construction project that will bring water to the villages of Monikeun and Lamkruet. ESP will provide the capacity building to ensure that the community can manage the system.



Dachlan is helping his Lampuuk to recover from the tsunami. He has been a leader in the ESP Field School and is on the water committee and is doing the water quality management for the system.



ESP helped Nusa residents gain access to PDAM water. trained the water management committee and facilitated an MOU among Ikrar, the PDAM and village government.

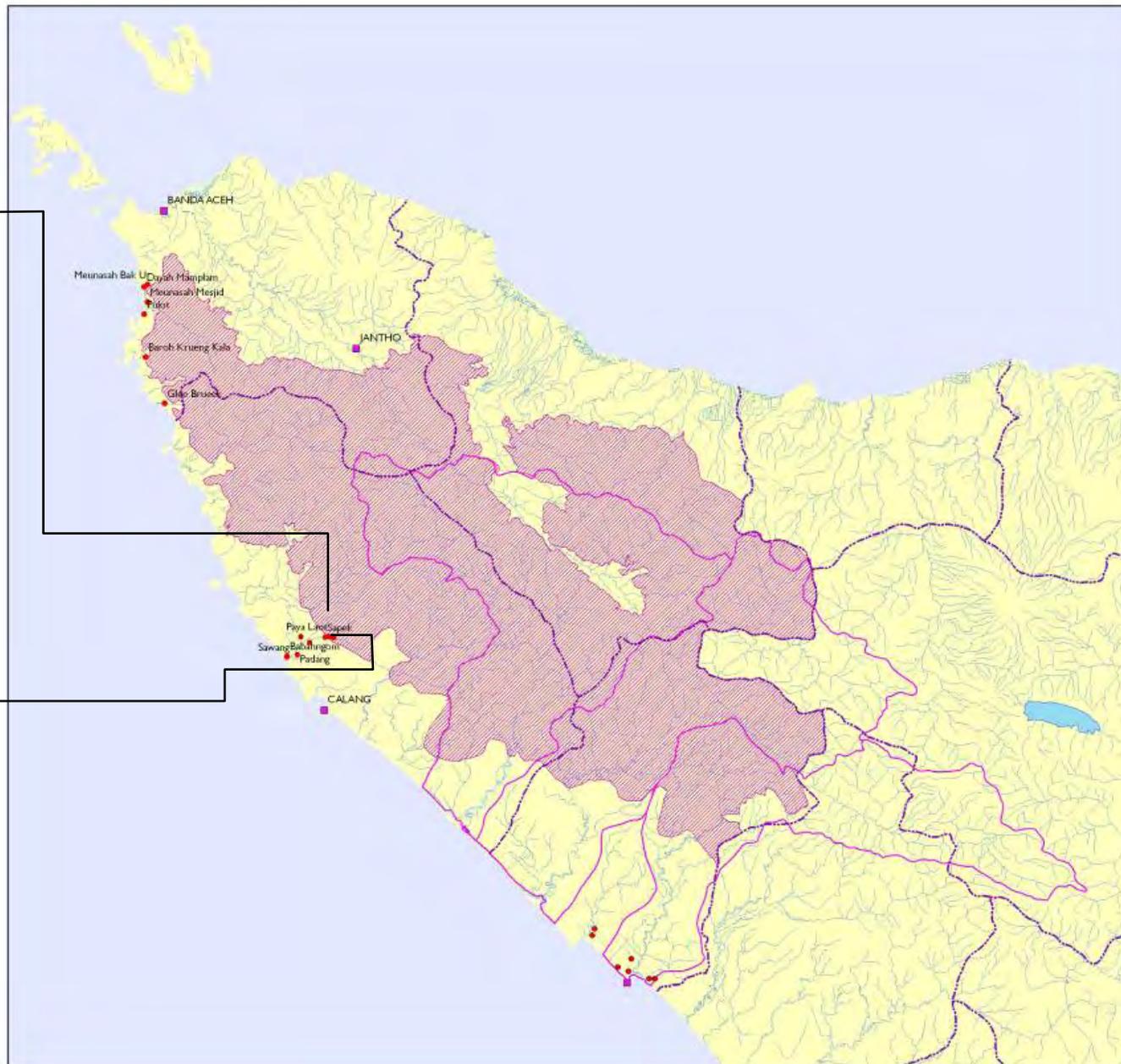


ESP in Nagaumbang organized a cleaning of the Kr Raba, planted 3800 trees (including 3100 mangrove trees) along the river and completed a design for village's water delivery system.





Forum Peduli Kr Lageung planted 100 ha., established a protected area known as Kawasan Perlindungan Mata Air Krueng Terbang consisting of 1082 ha. of forest area, established two trails in the area for monitoring their water resources and for monitoring biodiversity and helped ESP to develop a preliminary design for a water delivery system.



"With the arrival of ESP we have cleaned up our village," says Amirruddin of Pante Kuyun and chairperson of FPKL."





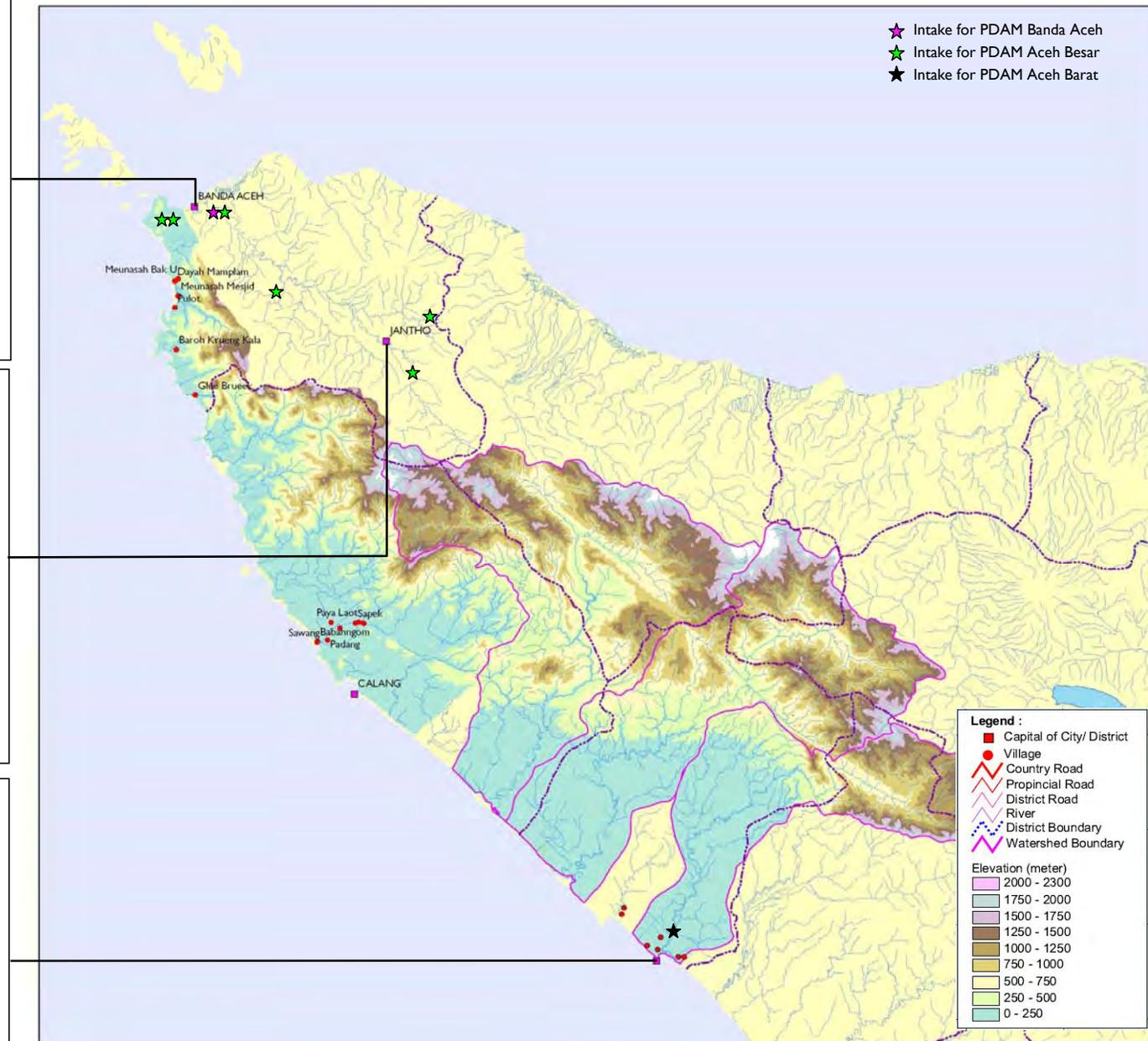
ESP worked on organization, SOPs, accounting, budgeting and financial management in Tirta Daroy in Banda Aceh. The PDAM added 1,500 connections. Staff from 2 PDAM were brought together for an initial training and on-the-job training was begun.



The municipal program conducted a customer satisfaction survey for PDAM Tirta Mountala in Aceh Besar. ESP also helped the PDAM add 2,500 connections, increase billing efficiency to 68%, establish a corporate plan and establish an accounting system.



The ESP conducted a census to help PDAM Tirta Meulaboh determine the condition of its system. ESP helped the PDAM to restructure its organization, develop and implement a new and complete set of SOPs and increase billing efficiency from 46% to 64%.

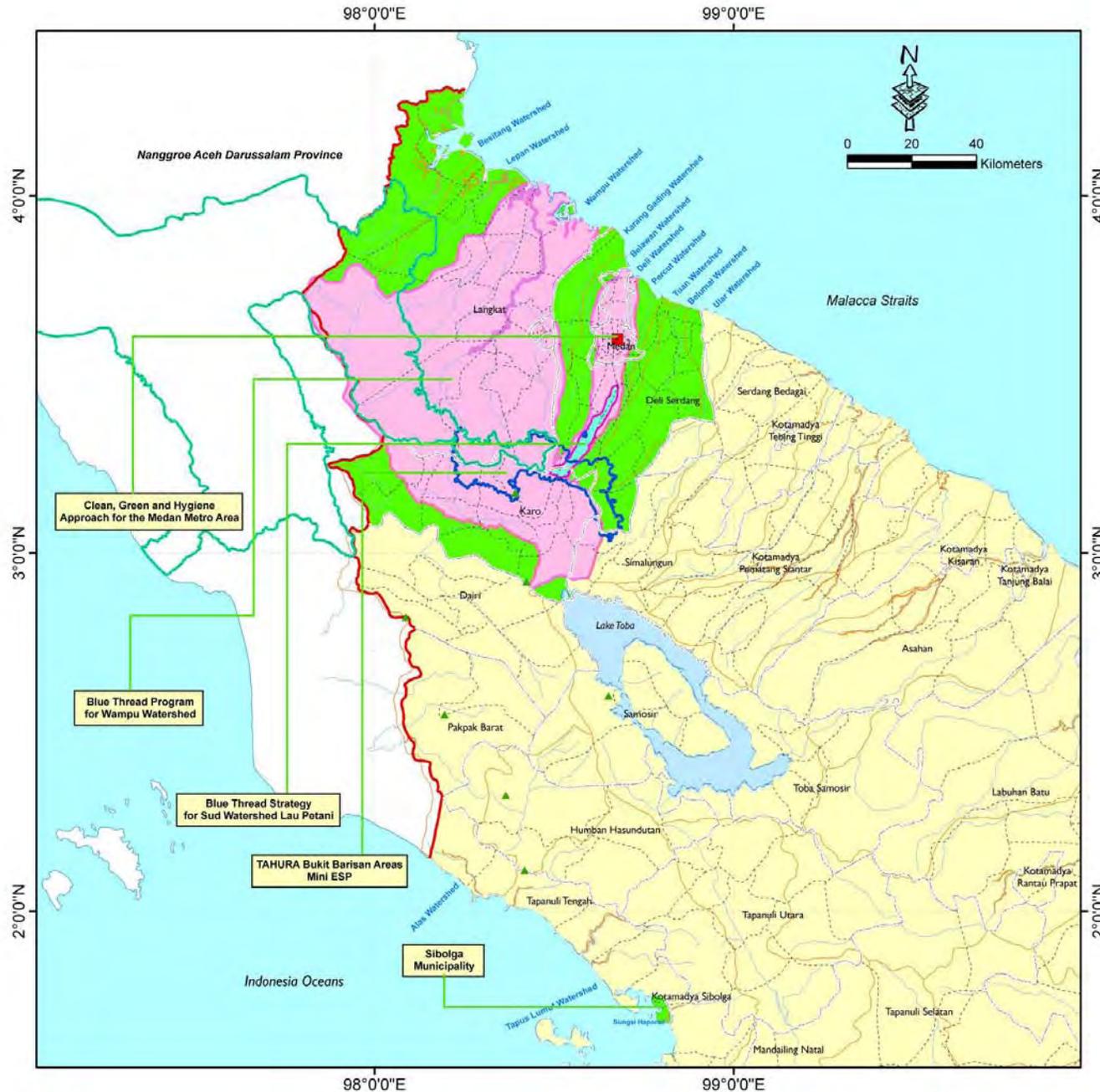




**NORTH SUMATRA REGIONAL  
PROGRESS REPORT**



## Map Annual Report 2007 North Sumatra-I Location of ESP Integration Approach for North Sumatra Region



### Legend:

- Province Capital
- ▲ Mount / Volcano
- District Boundary
- Sub district Boundary
- Province Boundary
- ~ River
- ~ Lake
- ~ TAHURA Bukit Barisan
- ~ Gunung Leuser National Park (TNGL)
- Priority district:
  - 1. Karo
  - 4. Langkat
  - 2. Deli Serdang
  - 5. Kota Sibolga
  - 3. Kota Medan
  - 6. Kota Binjai
- ~ Priority Watershed
  - 1. DELI
  - 2. WAMPU
- ~ Focus Area for ESP Integrated Program Site and Strategies, FY 2007:
  1. TAHURA Bukit Barisan Areas Mini ESP
  2. Blue Thread Strategy for Sub Watershed Lau Petani
  3. Clean, Green and Hygiene Approach for Medan Metro Area
  4. Blue Thread Strategy for Wampu Watershed
  5. PDAM Institutional Development Program

### Map of Indonesia





## SECTION 2.2.

# NORTH SUMATRA REGIONAL PROGRESS REPORT

## INTRODUCTION

ESP North Sumatra has evolved during the course of the year, moving from an emphasis upon building innovative, effective programs to laying the groundwork for long-term sustainability through local capacity building and accessing local resources. This has necessitated the development of a wide range of partnerships and program modes that will provide the foundation for the final two years of the program and yield effective strategies for sustaining program impact.

Indicative events and achievements over the last year, with emphasis on the most recent quarter include:

- *Phase II of USAID-JBIC*  
Collaboration on community solid waste management launched in Percut Sei Tuan sub-district. Phase II will be motored by MAPEL, the community organization assisted by ESP and local government as activities are expanded to neighboring communities.
- The Forum Konservasi TAHURA (FKT) multi-stakeholder forum has begun community level activities independent of ESP. In the coming year, ESP will focus upon collaborative management planning with FKT and the Forestry Service's Balai Tahura Bukit Barisan.
- The Women's Forum for Water Resource Management received official support from BAPPEDALDA and the Provincial Women's Empowerment Bureau to participate in the provincial MUSREMBANG development planning forum for 2008 in order to secure local government funding.
- ESP's Municipal Water Supply program has directly leveraged funding amounting to US\$ 750,000 from local and central government for improvement and expansion of piped water systems in Sibolga, Karo, and Langkat districts. Further local government support is in the pipeline for the coming year, including proposed collaborative work for water for the poor for 3,300 households in Belawan, Medan.



ESP NORTH SUMATRA

**Women from upstream and downstream areas converge via the Women's Forum on Water Resources to discuss water resource protection, safe water preparation and storage, and family hygiene.**

- ESP has also leveraged funding for sanitation systems in Medan City and Deli Serdang, and for rural clean water supplies from the Langkat District Government which has replicated the ESP pilot system in two additional locations.
- *Ersinalsal* multistakeholder watershed management forum was officially launched in Karo District's Sibayak Valley. This forum has initiated a collaborative effort with PT. Aqua-Danone for composting, tree nursery development, and forest rehabilitation.
- BHS Joint Activities in Medan City involving ESP, HSP, SWS and the city Health Service will include workshops and joint programs with communities leveraging resources from local government to spread programs to the broader community.
- The Medan City Sanitation Working Group, originally facilitated by ESP to develop a sanitation strategic plan, is moving ahead with action plans and work on leveraging provincial and central funding for actual waste treatment system expansion.
- Local Governments in Medan and Deli Serdang have provided matching funds enabling the start of construction for 3 community-based sanitation systems, and plans are being developed for Medan City government to fully fund 4 more systems in the coming year.

## INTEGRATED SITES

### Mini-ESP in TAHURA Bukit Barisan

"I am already old, but I am more enthusiastic than the young people in my village when it comes to forest conservation. I try to set an example for them, since if I don't do this, who will?" - Mr. Basing Sembiring, a co-founder of the *Forum Konservasi TAHURA* and a leader of the inter-community organization 'Sahabat TAHURA' (Friends of TAHURA) spanning 14 periphery villages.

By the end of this year, the program in the TAHURA integrated site is well established and the newly established Management Unit or Balai TAHURA within the Provincial Forestry Service provides an opportunity for capacity building, collaborative management planning, and future sustainability of activities for the protection of this important North Sumatra high biodiversity protected area. The 51,000 forested hectares of TAHURA Bukit Barisan are crucial for the water supply for over 2 million people in the Medan area. ESP continues to develop relationships with a range of agencies and institutions to support and strengthen programs in the TAHURA area.



ESP NORTH SUMATRA

**Pak Sembiring preparing for a workshop with Sahabat Tahura membership.**

- Forum Konservasi TAHURA was formally established and initial activities based upon ratified watershed management action plans began utilizing resources from local communities, local NGO's and local government.

- CABI (Commonwealth Agriculture Bureau International), University of North Sumatra's Agriculture Faculty, and ESP partners organize 'plant clinics' in Karo district markets, providing direct assistance to farmers in diagnosing tree crop and plant diseases.
- A 'public dialogue' on interactive radio was held with community, NGO, and government stakeholders on issues affecting the protection and use of TAHURA Bukit Barisan.
- A 'student safari' involving Medan city and local schools in environmental actions, including tree planting, was conducted in collaboration with the FKT, SOS-OIC, and the PALAPA Foundation.
- Agroforestry Farmer Field Schools in citrus in collaboration with Clemson University's USAID CRSP program were expanded in Karo District into 4 villages with eager local participation.
- Media campaigns, Field Days, and activities of the Forum Tahura have built awareness within local government agencies and PDAM Tirta Malem, especially regarding upstream and downstream linkages. It is hoped that in the coming year concrete resource allocation support can be generated.
- One of the intakes for PDAM Tirta Malem is the Lau Biang river. Via a small grant to PALAPA the CBO 'Sahabat TAHURA' worked in two villages in Sub-DAS Lau Biang doing forest rehabilitation, community tree nurseries, and composting. ESP also ran a total of 4 WSM Field Schools and follow-up re-forestation programs in Sub-DAS Lau Biang plus 2 Citrus agro-forestry Field Schools with Clemson-FIELD. Field School alumni citrus growers have reduced chemical pesticide use nearly 100%, forest humus use 100%, and chemical fertilizer 90% with no decrease in yields and much reduced pollution load on groundwater.

### **Blue Thread in Lau Petani Subwatershed**

"In order to make our dreams for this valley come true, we must join with others, including outsiders, and work together for change" - Taufik Purba, founder and current Coordinator of the *Ersinalsal* Sibayak Valley Multistakeholder forum. He is also a Field School trainer in ecological agriculture and a key figure in the development of the Payment for Environmental Services plan with PT Aqua-Danone.

### **Sustained Management through partnerships**

- The PES model was developed between Aqua-Danone and Sibayak Valley multistakeholder forum. This program will involve several activities including solid waste management, mechanical compost production, community tree nursery establishment, river clean-up



ESP NORTH SUMATRA

**Mr. Taufik standing in Lau Petani river during a clean up campaign.**

campaigns, Field Schools in ecological agriculture, and critical land rehabilitation.

- *Ersinalsal* Sibayak Valley Watershed Management plan ratified by stakeholders and initial community-based activities undertaken including river clean-up and solid waste management.
- Tabungan Konservasi (Conservation Savings Plan) launched in schools in Sibolangit in collaboration with village government and local NGO's. Program combines environmental education, village spatial planning policy, forest rehabilitation, and student savings in the form of future rights to a portion of trees planted.
- Collaborative land and forest rehabilitation initiated through the organization and implementation of 9 WSM Farmer Field Schools in 8 villages along the 'Blue Thread' of the Lau Petani. These Field School groups are now engaged in tree nursery development, replanting, composting, and spring protection with partners including the Bodichitta Foundation, the North Sumatra Tree Bank, local NGO GURKHA, and international NGO Heifer Foundation
- An MOU for Improved Management of the Taman Wisata Alam Sibolangit (Ecotourism Park) signed with BKSDA and 6 local NGOs. ESP will work with Field School communities on the perimeter of the park to ensure better management of forests surrounding the protected area.
- Development of PES for spring protection between villages where ESP has conducted Field Schools surrounding the water catchment for Tirtanadi's Sibolangit installation. This site provides a crucial 600 liters/second to Medan's water supply, and discussions are ongoing with ESP facilitation to create a viable payment for environmental services program.
- School-based programs implemented included water supply and hygiene education for two schools in Sibayak Valley and Sibolangit, plus a 'social field study' by SMU Methodist Medan with *Erinalsal*.
- With HSP, a "Mothers Concerned with Health" working group was formed in Sibayak valley comprising posyandu cadre trained by ESP and Farmer Field School graduates.

## **Wampu Watershed Integrated Site**

### **Local Heroine**

"Now, thanks to ESP and PARAS, we not only have clean water, we also have access to credit and electricity for the first time" Ibu Ati (42) of Suka Maju village, Langkat on the "3 in 1" program.

### **Preparing for a full upstream-downstream program**

This year activities remained on a limited scale in the Wampu site. However site selection activities for upstream programs in the Bahorok subwatershed were undertaken in preparation for a more complete ESP program in the coming year.

- An integrated program in Suka Maju, Langkat providing 200 households with clean water via 3 deep wells was completed. This program was organized by PARAS, with newly created women's credit unions managing the system. In one community, the pump motor also powers electricity generation, also managed by the credit union. Additionally, nearly 30 riverbank hectares were reforested by these groups. The district government has committed to spreading the program to additional villages.
- Upstream Sub-Watershed selection was conducted and ESP will assign field staff and work through a small grant in Bahorok, bordering on the Leuser National Park and other high biodiversity areas. ESP will work with the men and women of Lembaga Masyarakat Adat, a community based organization with strong roots in the area.
- The Sumatra Elephant foundation provided assistance on marketing non-timber forest products Jeruju Tea and Virgin Coconut oil for the women's groups of mangrove forest communities in the Jaring Halus co-management area.



ESP NORTH SUMATRA

**Ibu Ati showing part of the community tree nursery run by her Women's Credit Union, the nursery supplied seedlings for greening efforts on the fast eroding banks of the Wampu river**

## Clean Green Hygiene in Medan Metropolitan Area



ESP NORTH SUMATRA

**Pak Shadan operating the plastic processor that Bis Peduli designed and built on their own, capable of processing more than a ton of plastic a day**

### Local hero: Bapak Sahdan

“At first glance, the Bank Sampah program seems like a savings and loan plan, but the ultimate aim is to reduce plastic trash and allow our rivers to be clean and green.” The Bank Sampah run by local NGO, Bis Peduli, is now active in 7 urban villages in Medan. With ESP facilitation, Bis Peduli is serving as a resource for a number of other areas and organizations including upstream ESP Integrated sites.

### Innovation leads to Institutional Buy-in

The past year has seen the completion of three community-based clean water systems in the Medan area, each with its own unique local management system. These models have garnered interest from a wide range of agencies from the World Bank, ADB, and OXFAM to the city government of Surabaya. The Medan integrated site continues to be a leader in creating innovative, viable programs and it is now working to leverage and expand these programs through institutional buy-ins.

- The Bank Sampah model developed by small grantee NGO Bis Peduli is attracting interest from numerous agencies. This model combines plastic recycling with capital formation for poor communities, and ESP has mobilized Swiss Contact to assist with business plan development for the organization that will allow it to access increased funding.
- The community-based sanitation program successfully leveraged \$70,000 in counterpart construction funds from local governments in Medan and Deli Serdang and BAPPEDALDA, with these systems currently under construction. The Government plans to fully fund 4 more systems out of next year's budget allocation. One of these systems will be built at the Pesantren Ar-Raudahtul Hasanah on the Deli River where ESP assists with environmental sanitation efforts.
- The ESP-facilitated Sanitation Working Group received \$17,000 for generating a sanitation strategic plan, and is now continuing its work without funding assistance to leverage \$1.5 million from the central government's 2008 budget for city sewerage system improvement.
- ESP is collaborating with PDAM Tirtanadi and Medan city government on a plan to provide 3,300 poor families in Belawan with clean water, involving a possible leveraging of \$650,000. ESP will provide the 'software' of community water management organization and social marketing.
- USAID-JBIC collaboration moved to a new Phase II program that will add additional villages utilizing the existing MAPEL community organization as a resource for training and technical assistance, including mobilization of local government funding.
- Clean water facilities and hygiene training activities were inaugurated in 3 primary schools in Medan Maimun in collaboration with the Education Service and NGO PPAI.
- ESP, SWS, and HSP collaborated on the Lomba Cerdas-Cermat for posyandu cadre from 15 urban villages in Medan. In the coming year Citywide BHS workshops(HSP, ESP, SWS) and training programs are planned with Medan City Health Service.
- Environmental Sanitation training using MAPEL and Bis Peduli facilitators started in Pesantren Ar-Rahuadatal.

### **Municipal Water Sector**

A great deal of groundwork has been done with PDAM in North Sumatra, and during the last part of this year the results have become evident as local and central governments have bought into plans for service improvement and expansion developed with ESP assistance. This strong leveraging should continue into the last two years of the project. A total of approximately US\$1.3 million is either in current budgets or promised for the coming year.

- ESP completed a design for rehabilitation and optimization of the water treatment plant for PDAM Tirta Nauli in Sibolga, and US\$ 350,000 in funds for construction has been provided by the City and Central Government for construction work to improve services for 11,000 existing customers and extend coverage for up to 1000 new customers.

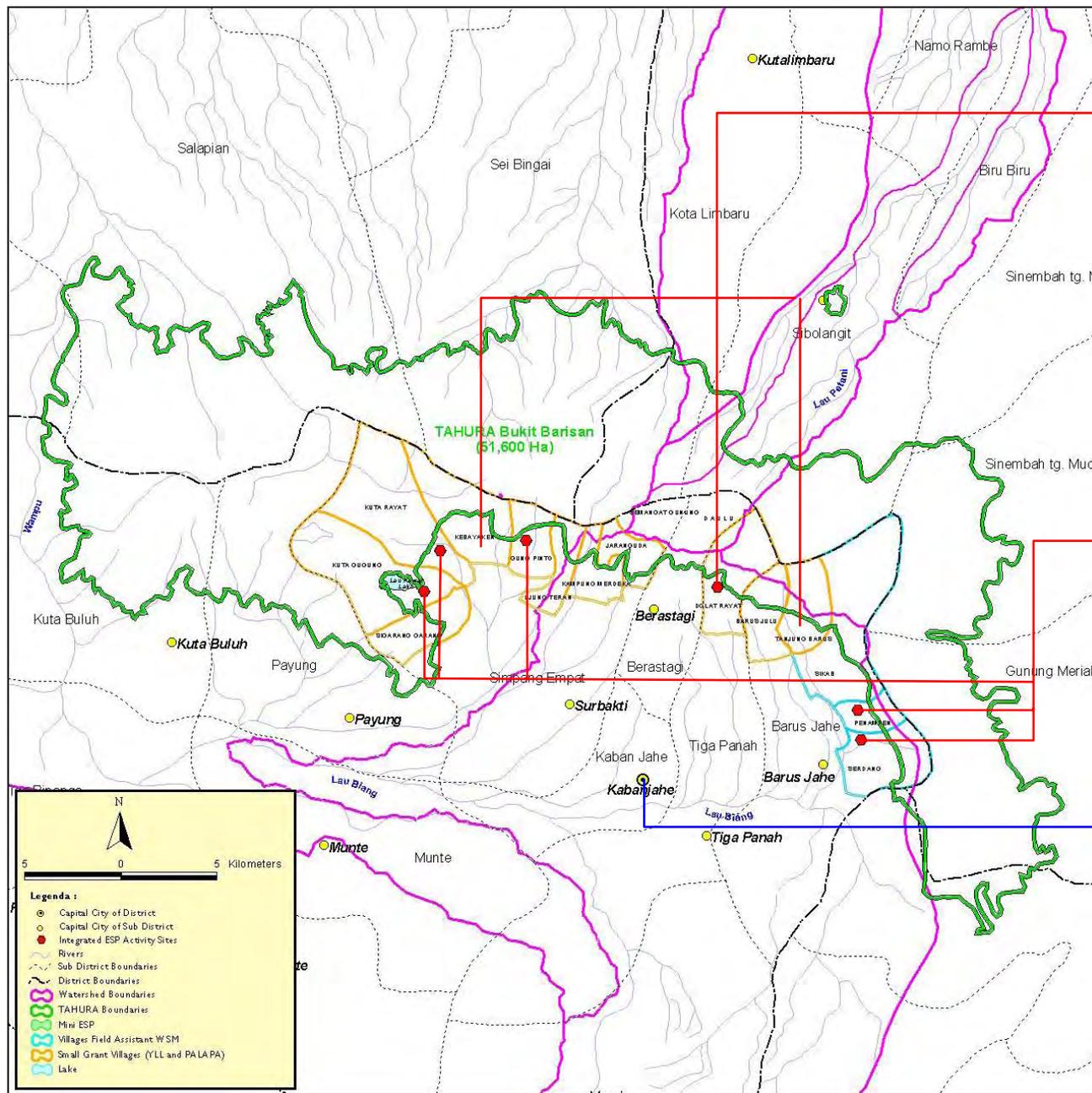
- Based upon the ESP facilitated Corporate Plan and Investment Plan, PDAM Tirta Malem in Karo district allocated US\$190,000 from the 2006-07 budget for implementing needed improvements in raw water transmission system.
- The PDAM in Langkat has allocated US\$210,000 for construction based upon an ESP funded design in Pangkalan Brandan for 2006-07, with an additional commitment of US\$ 600,000 (US\$ 400,000 promised from central government budget) in the coming year to improve the water treatment plant and distribution system for 5,800 existing and 1500 potential new clean water customers.
- ESP worked with PDAM Tirtanadi in Medan on EPANET analysis for transmission and distribution systems, while encouraging more access to water for the poor, which has moved up the priority list with the largest PDAM in Sumatra. Recent discussions resulted in an agreement with PDAM directors to work with ESP on increasing access to piped water for 3,300 poor households in Belawan, North Medan. PDAM and PEMDA have already committed the budget for the construction and ESP will support the software component. The already completed pro-poor water program in Medan was presented by JKM during Indowater 2007 in Jakarta.

## OTHER HIGHLIGHTS

- ESP provided the technical training of trainers for a Save the Children handwashing with soap campaign, involving UNICEF, OXFAM, ACTED, World Vision, IBU, Pusaka, and the Health Service in Gunung Sitoli, NIAS.
- A Sukuran Laut took place in Jaring Halus with the IPANJAR community organization to reinforce community resolve to guard their environment.
- A Media Coordination Forum was held with the paper Medan Bisnis, SMART FM, BAPPEDALDA and ESP on downstream Deli River issues.
- A Handwashing with Soap and hygiene training program was organized and run for child cancer patients and nursing staff at Adam Malik Hospital in collaboration with YOAM and IDAI (Ikatan Doktor Anak Indonesia)

OXFAM Aceh visited community based water system sites in Medan run by community organizations in order to get ideas for the 'software' of community-run systems.





**Jaranguda, Serdang, Penampen, Merdeka, Gung Pinto, Kuta Rayat, Kuta Gugung, Dolat Rakyat, Kebayakan and Tanjung Baus**



Community based nursery & composting training for communities contributing to improvement of 25,800 ha of conservation area in Tahura Bukit Barisan

**Gung Pinto**



Community Mapping of villages for watershed planning and produced one WSM plan



**PDAM Tirta Malem Karo**

Improved management, financial and technical capacity of one PDAM



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



Community based campaign (women's groups) on water source protection in Semangat Gunung



Farmer Trainer leading Field School for Ersinalsal in Doulu



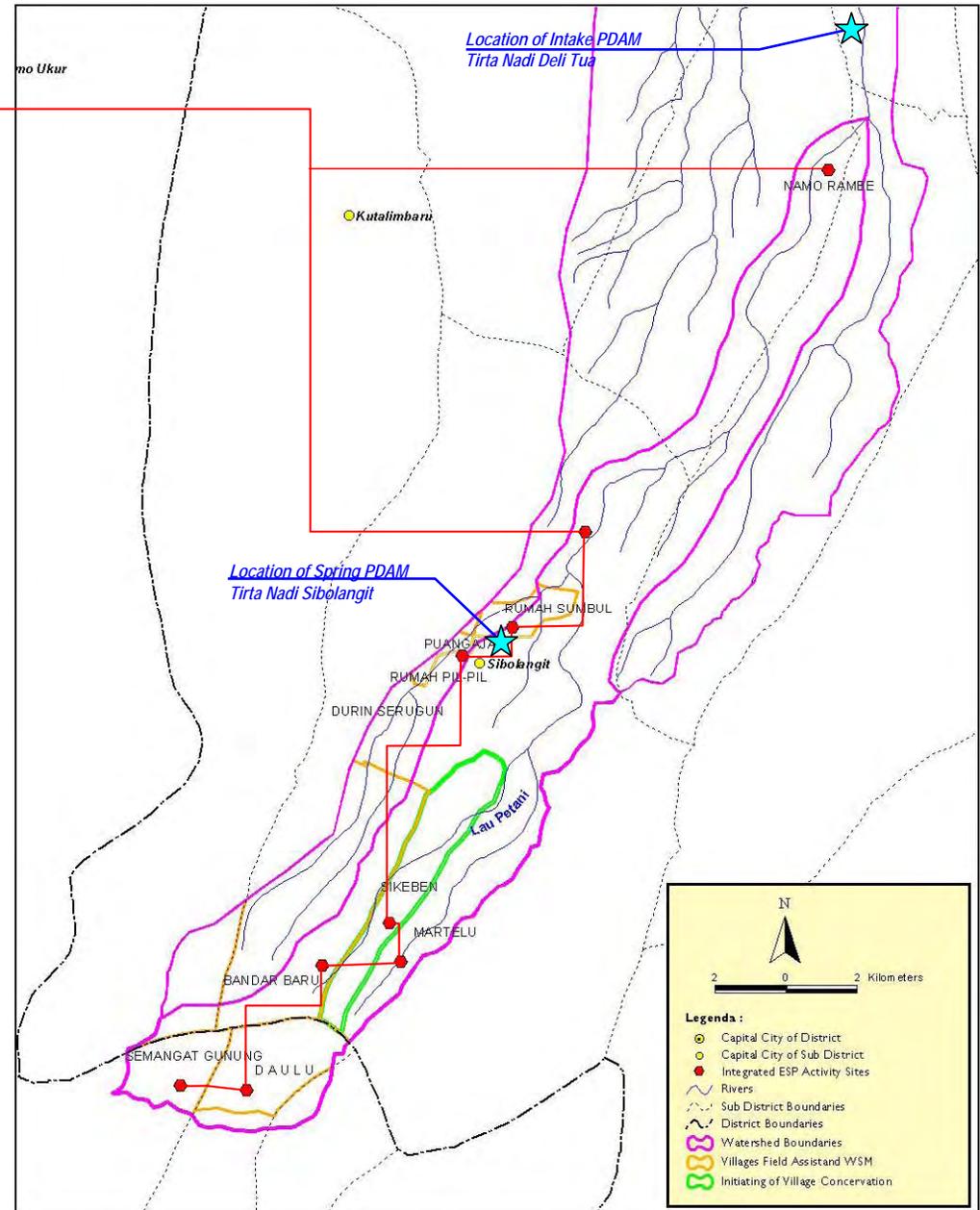
Consortium activity between OIC, FK3LI with USAID-ESP on ecological learning for SMP Negeri 1 Sibolangit, training in tree nursery and process of raising seedlings as *tabungan konservasi* development program support on August 24 and 31, 2007. These activities contribute to rehabilitation of 732.6 ha of critical lands.



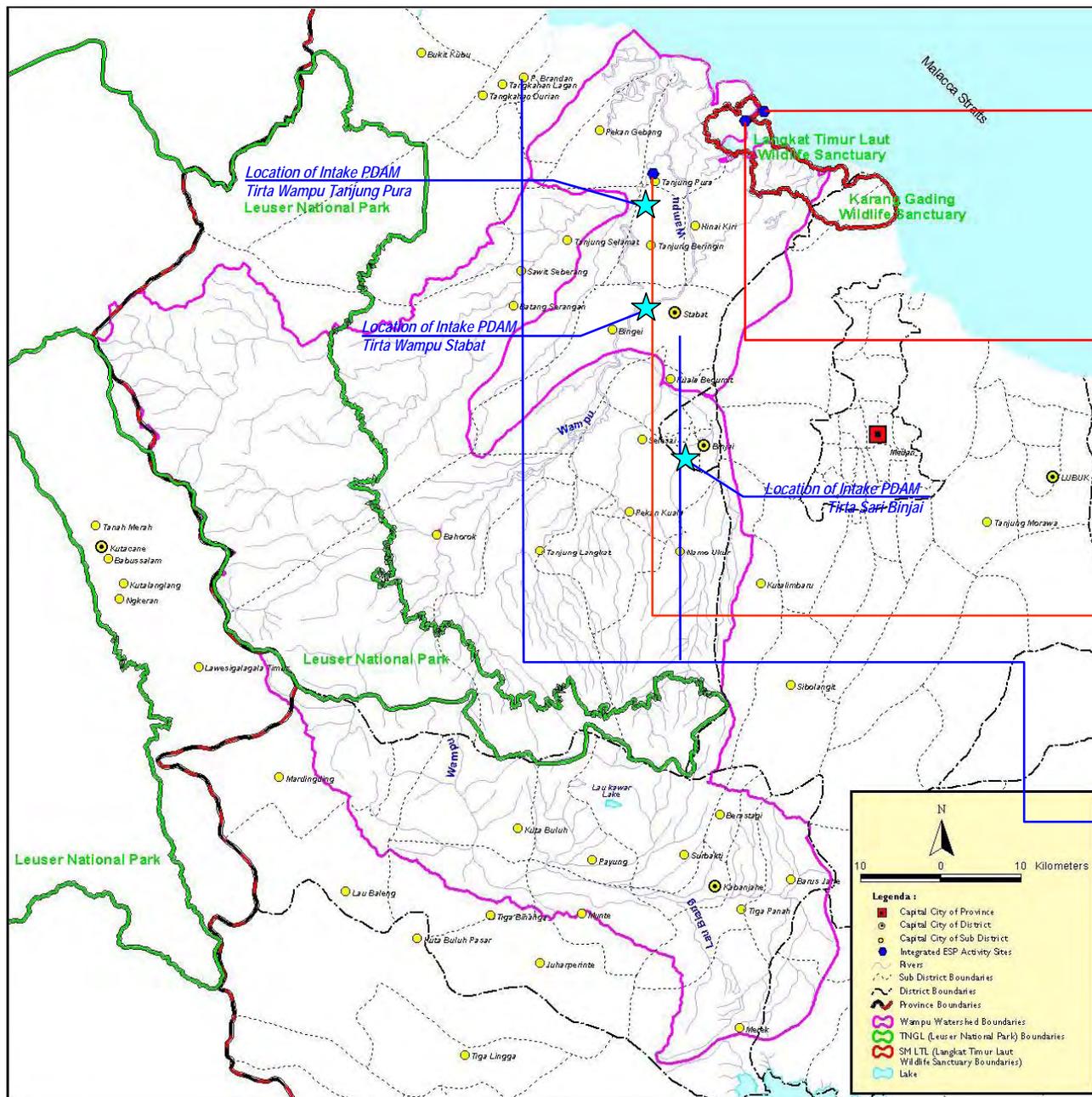
FGD on socialization of village mapping and discussion with Sikeben on draft local policy for *tabungan konservasi*



School based campaign on Hand Washing with Soap in Sikeben Village, which trained 188 students on effective HWS





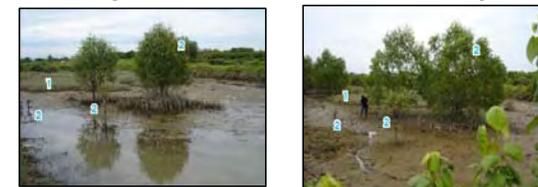


**Jaring Halus**



Community undertaking improved income generation with organic products: mangrove leaf tea, mangrove chips from Jeruju and Virgin Coconut Oil. Contributed to rehabilitation of 413 ha of degraded lands

**Langkat Timur Laut Wildlife Sanctuary**



Tree planting in collaborative management areas of Langkat Wildlife Preserve. Contributed to 7,882.5 ha of conservation area under improved management.

**Suka Maju Village,  
Tanjung Pura, Langkat**



Increased access to water for the poor managed by Women's Credit Union, that benefits 500 households.

**PDAM Tirta Wampu  
Langkat**



Improved management, financial and technical capacity of one PDAM



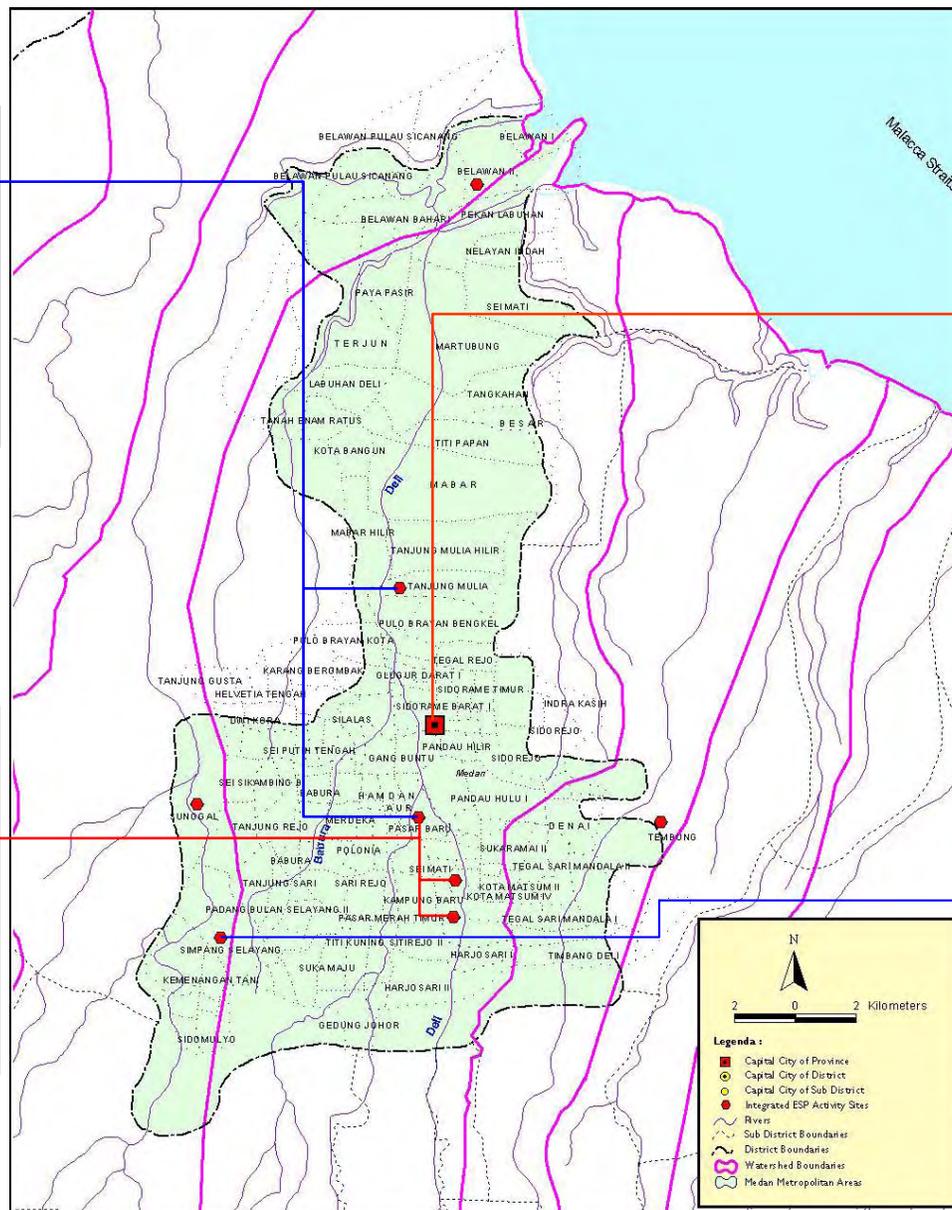


School Based Hand Washing with Soap in Tanjung Mulia and Aur, where 2,540 students were trained on effective HWS.

### Kampung Baru, Aur and Sei Mati

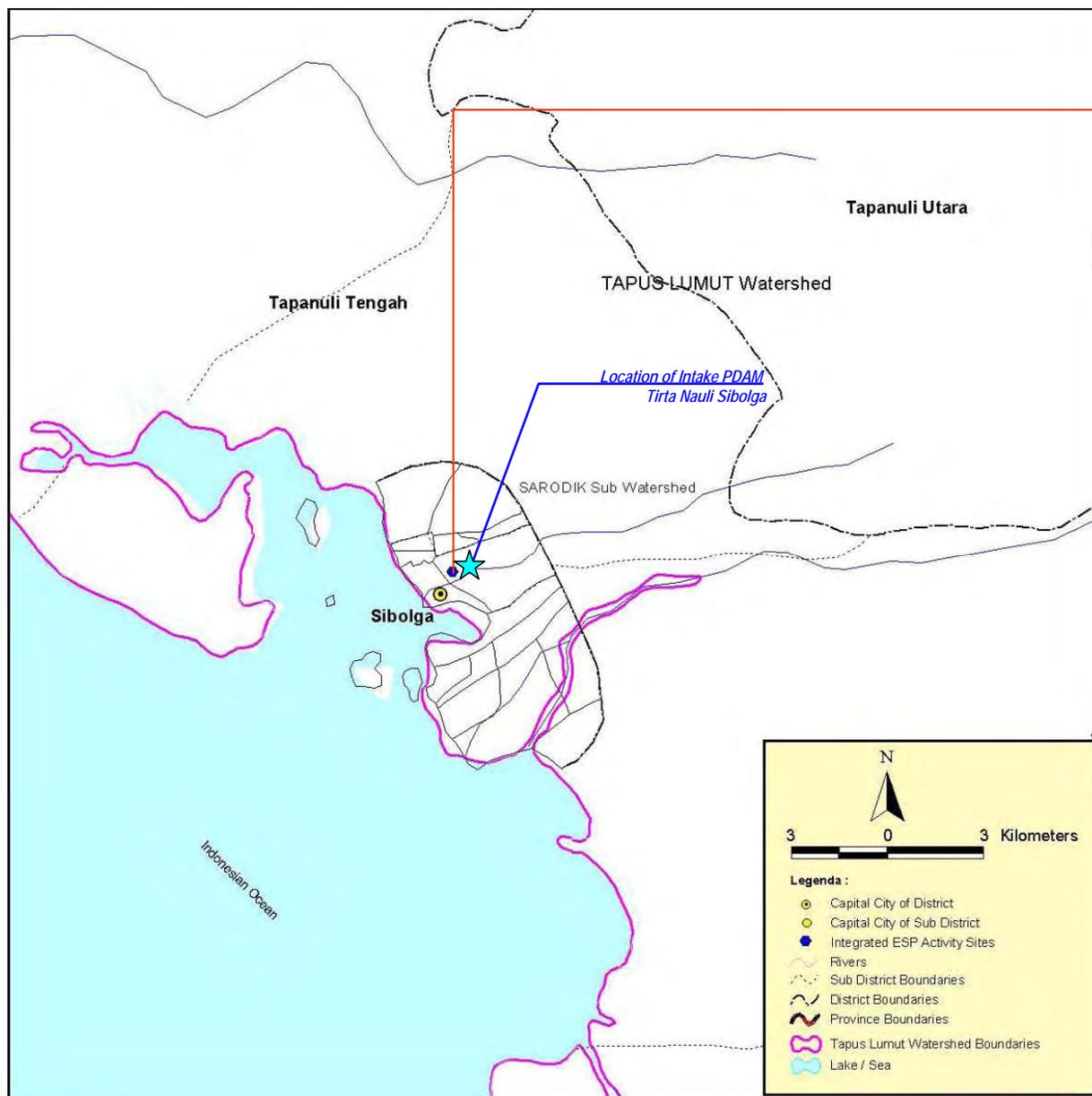


Collaboration for diarrhea prevention with BHS Partners in North Sumatera, where 1,573 students were trained in Medan as part of collaboration with UNICEF



One CBS system completed in kelurahan Kampung Baru, Kota Medan Maimoon, benefiting 100 community members through small grant program implemented by JKM





**PDAM Tirta Nauli  
Sibolga**



Reduction of Non Revenue Water.  
On The Job Training for Customer Census PDAM Tirta Nauli in Sibolga



Training in Basic Operation and Maintenance for Water Supply System for PDAM staff from Sibolga, Central Tapanuli and North Tapanuli.



Improve Production and Distribution Costs Management.

Increase production and distribution capacity. Completion of the Design for Optimization water Treatment Plant for PDAM Tirta Nauli Sibolga



WEST SUMATRA



## SECTION 2.3.

# WEST SUMATRA

The ESP office in West Sumatra was closed on 30 September 2006, however several activities reflecting commitments to communities and local government continued to operate through a phase-out period.

- WSM Field Schools and follow-up programs were conducted within the three DAS of Great Padang. 4 Field Schools involving over 100 men and women from local communities were completed. ESP Field Assistants worked with communities, village government, and City and Provincial agencies such as Forestry and Agriculture to leverage support for follow-on activities. The *Forum PEDAS* community network continued with inter-community activities including organic agro-forestry and community tree nurseries, and some of its sites and leaders were prominently featured in forums held by the Provincial Agriculture Service.
- LP2K Small Grant Program succeeded in bringing healthy water and sanitation systems to over 100 families in 2 villages. Additionally, 15 Community Organizers were trained and these village level educators conducted programs in for improved community health and hygiene. The basic 'paket' including well, toilet, and septic system costed out at only Rp.1.1 million since community members contributed labor and some materials. The program also established or worked through community level credit unions in order to create a revolving fund for water and sanitation in 2 villages.
- ESP continued support for Community-based Sanitation. The jointly funded construction of Padang's first CBS system is a demonstration MCK++ being constructed with BORDA assistance and 50% Padang City co-financing. This system will benefit around 500 persons and construction is targeted for completion in March 2008.
- The Citywide Sanitation Strategic Plan being generated with ESP assistance has completed the first four chapters and presented this at a multi-stakeholder workshop. The remaining chapters of the Strategic Plan will be presented, discussed, and finalized at a second stakeholder workshop scheduled for mid November.



# JAKARTA REGIONAL PROGRESS REPORT



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

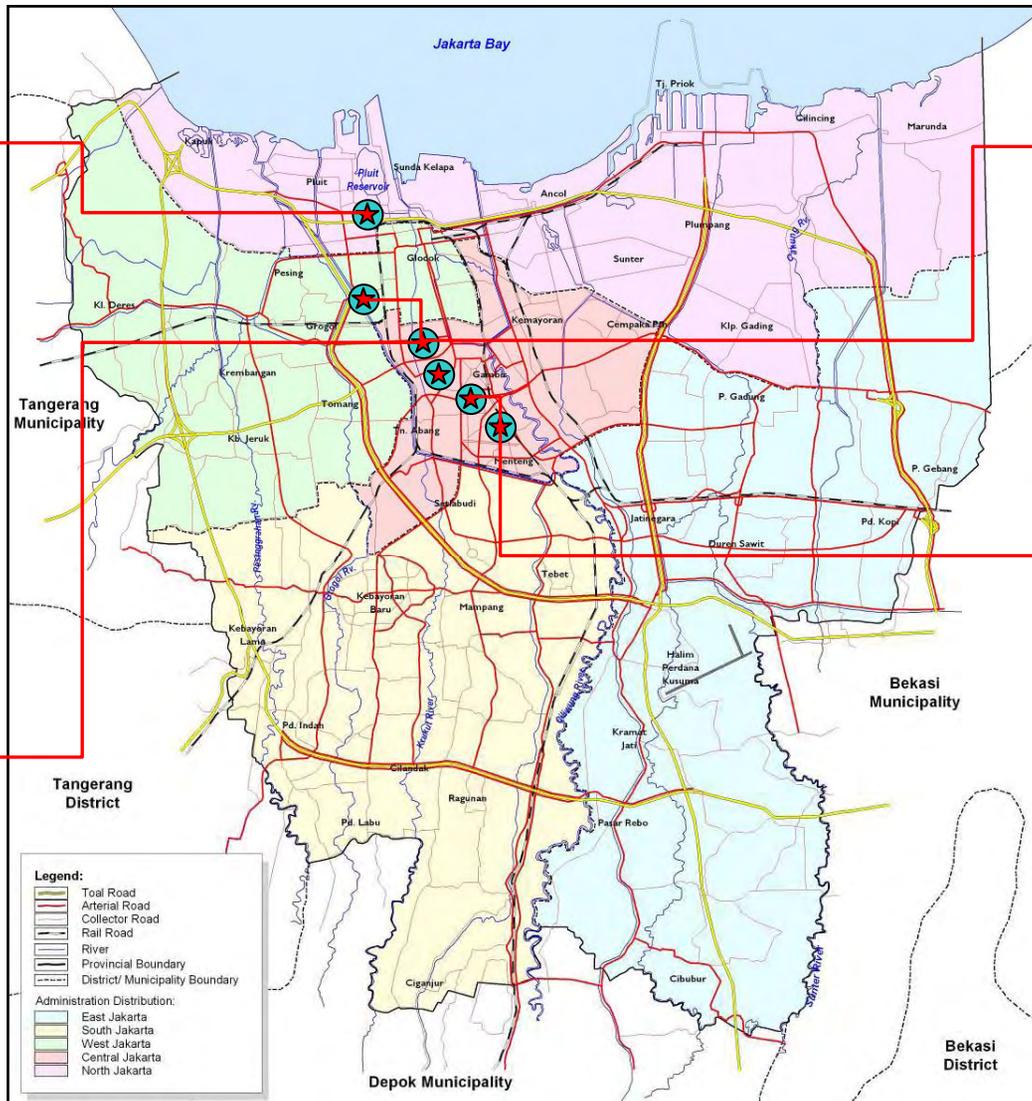


HP3/IDRC program has completed its first cycle of participatory action research in 3 RWs, Pilot project on solid waste has been implemented and to date, about 150 kg of compost has been produced through household composting.

### USAID Anchor Site Petojo Utara



After 4.5 months of construction work, the MCK++ in Petojo Utara was inaugurated by the Mayor of Central Jakarta, represented by Municipality Secretary, Bambang Sugiyono on September 1, 2007. The MCK++ houses toilets, bathrooms a common room and laundry area. This facility benefits 75 households.



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



ESP DKI Jakarta help to support Indowater 2007 for the exhibition, seminar and site visit to BHS integrated site, (Petojo Utara) on water and sanitation related issues, including the newly constructed MCK.

### Clean, Green and Hygiene Integrated Program in Kramat & Menteng Central



A total of 18 teachers participated in a two-session training on hygiene improvement and school hygiene work plan development. Some of the proposed activities are solid waste management, campaign addressing hygiene behavior and school trip for environmental related issues.



## SECTION 2.3.

# JAKARTA REGIONAL PROGRESS REPORT

## INTRODUCTION

This year, ESP Jakarta emphasized collaboration with other USAID programs, partners, private sector and local NGOs in selected communities throughout Jakarta.

- A successful example of collaboration comes from Petojo Utara RW 08, which is an USAID/BHS integrated site. The local community, NGOs, ESP, SWS and FSN/Mercy Corps worked together to conduct a campaign on hand washing with soap and waste separation. Petojo also saw the installation of communal sanitation facilities, called MCK plus plus (MCK++), which houses 6 toilets, 4 bathrooms, 1 child friendly toilet and bathroom, one common room and a kitchen for Posyandu and Early Child Education activities, and hand washing with soap stations. This MCK++ is the first of its kind in Jakarta that uses a Decentralized Wastewater Treatment System (DEWATS), consisting of a baffled reactor and a bio-digester. The waste water removal efficiency is expected to reach up to 95% and the bio-digester also produces biogas that can be used as an energy source for cooking, replacing kerosene.
- The GETF-funded Community Watershed Partnership Program (CWPP), known locally as *Cinta Air*, was jointly implemented with Coca-Cola Foundation Indonesia (CCFI), ESP and SWS in two communities adjacent to PT Coca-Cola Bottling Indonesia in Cikarang Barat, Bekasi. This was initially an ESP Anchor Site that evolved into a mini-ESP with a full range of activities from re-greening and household composting, to handwashing with soap, to well water improvements, to the construction of 4 communal latrines.
- ESP also partnered with Mercy Corps, Swisscontact, URDI, and the North Jakarta Municipality on an HP3/IDRC program in Kelurahan Penjaringan, North Jakarta to conduct two cycles of participatory action research where the communities are fully involved in all cycles of the program. The first cycle of participatory action research focused on economic valuation of community-based solid waste management and the first pilot program on composting and recycling was implemented.
- Other collaborative initiatives were initiated this year, including USAID's Opportunities for Vulnerable Children (OVC) where ESP partnered with Helen Keller International's (HKI) school-based hygiene improvement program.

## INTEGRATED SITES

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

Over the past year, ESP has worked with Mercy Corps, Swisscontact, URDI, and North Jakarta Municipality in HP3/IDRC program to accomplish two cycles of participatory action research.

- Prior to implementation, ESP led the solid waste characterization study and conducted cross visits and technical training for the 3 RWs. In the first cycle of participatory action research, a pilot program on community-based solid waste management was implemented in the three RWs (RW 8, 12, and 13). To date, 150 kg of compost has been produced through household composting and one small community group has been established to make recycled products from plastic waste. In total 68 families are currently participating in this ongoing program, which is about 1/3 of the target for the next workplan.



ESP JAKARTA

**“In the beginning, it was quite difficult to make compost, but I kept trying. Most important are patience and persistence. I hope all people here can also do it, so garbage in RW 13 can be reduced and our environment becomes clean, cool, and healthy,”** says Darpi (left) as she and her neighbors carry composters to a training workshop in Kelurahan Penjaringan.

- The program has also produced important research documents, consisting of sectoral and geographical analysis of current water supply, sanitation, and solid waste conditions, as well as a survey of 450 households to examine their expenditure pattern on environmental services (such as water, sanitation and solid waste). ESP also contributed another survey on water, sanitation and solid waste services for 3,500 houses in the three RW, and produced maps that show households with and without individual clean water connections, private latrines, septic tanks, and solid waste collection systems.
- In the second cycle of participatory action research, the same households were assisted to implement a composting system that combines household and communal composting. ESP provided preliminary assistance to install a master water meter, and community based sludge management, which will be constructed in the next

workplan period. ESP directed the development of concept notes that summarize all of the technical assistance being provided (master meter, composting, sludge management).

### **Clean, Green and Hygiene in Kramat and Menteng, Central Jakarta**

ESP collaborated with Aman Tirta/SWS to conduct a joint program in two of the seven DBE-I schools in Kramat and Menteng: MI Al-Falah and MI Al-Ma'muriyah.

- Two training sessions on hygiene improvement (e.g., health and hygiene, point of use water treatment, water supply, sanitation, and solid waste management) were conducted from which the school committee produced a school hygiene-related work plan. A total of 18 teachers participated and proposed the following activities as part of the work plan: school-based solid waste management (waste separation and composting), point of use water treatment, health and hygiene behavior campaign, and school field trip for students to learn about environmental issues. The school workplan will be implemented in the next work plan period.

### USAID Anchor Site in Cikarang Barat, Bekasi

This GETF funded program, known locally as *Cinta Air*, was implemented jointly with Coca-Cola Foundation Indonesia (CCFI), ESP and SWS in two communities adjacent to PT Coca-Cola Bottling Indonesia in Cikarang Barat, Bekasi. Originally an ESP Anchor site, this program has evolved into a mini ESP site with multiple levels of intervention.

- Re-greening and composting was introduced and is now widely practiced at the household level. The front and backyards of many houses are now full with various plants and flowers.
- Twenty-two public shallow wells were improved. Rings were installed to protect the water sources from being contaminated by the surface water, resulting in a higher quality of water supply. Initially, the improved wells benefited 295 households, but now the numbers have increased to 329 households (1,342 people).
- The problem of open defecation has partly been solved through installation of 4 communal latrines (MCK), one of which was co-financed by the District Health Office through Puskesmas Kelurahan Telaga Sari. Officially, 61 households are registered as MCK users. The numbers have now doubled as the MCK operators now actively promote the use of these facilities to other families in the neighborhood.
- The Cinta Air also introduced proper hygiene practices, such as hand washing with soap, litter prevention, no open-defecation campaign, water testing, safe water storage, training on waste separation and composting, and a village cleaning program.



ESP JAKARTA

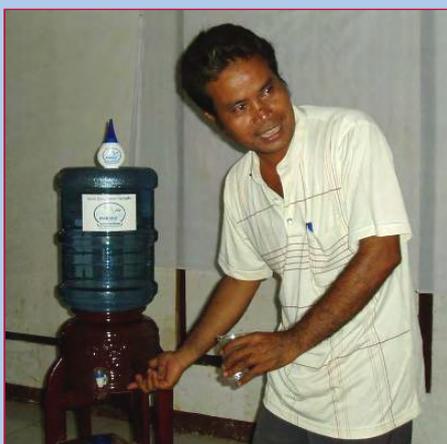
Ibu Marnah, 37 years old, immediately started re-greening her yard once *Cinta Air* introduced the program. "I never imagined that my small yard could be this pretty," Marnah said after her group was selected as one of the winners. "The *Cinta Air* program has helped me and my children understand the importance of keeping our house clean and green," she added.



ESP JAKARTA

The community now enjoys four clean and hygienic public latrines and a clean water supply for washing and drinking.

### Pioneering Proper Hygiene Practices in the Neighborhood



ESP JAKARTA

**Sabur, an active cadre, demonstrates how to treat water with Air RahMat.**

Pak Sabur is the head of one of the RT in Kampung Wangkal. He is also an active and enthusiastic community cadre for the GETF funded Community Watershed Partnership Program, known locally as *Cinta Air*. This program is jointly implemented by the Coca-Cola Foundation Indonesia (CCFI), ESP and SWS. The shallow well next to Pak Sabur's house was one of 22 communal wells that was improved as part of the *Cinta Air* program. Residents now use the well water for washing, bathing, and drinking, from early morning until late at night.

The wells are now properly maintained and cleaned, and the users contribute to the costs of repairs. "Cinta Air has helped the people of Wangkal to change their behaviors. Before *Cinta Air* came, Wangkal was dirty. Trash was scattered in many places and clogged the gutters. Now it is clean and nice," Pak Sabur explains proudly.

Thirty-six year old Imas, a resident of RT 02, is grateful for the *Cinta Air* program. She was a recent winner in the clean, green and hygiene house competition. Her yard is now full of colorful plants and she dedicated a small piece of land on her property to install an MCK, which now serves 22 families (74 people). During peak hours, people have to queue to get their turn for washing because the space is limited. The majority of the users are aware of the need to keep the MCK clean. Ibu Imas herself cleans the toilets everyday, "I want make sure it is always clean all the time so users will be comfortable whenever they use it," she said.



ESP JAKARTA

**Ibu Imas (right) smiles during an interview that was part of a cooking competition, "It is very important to wash our hands with soap before cooking and before serving the meals".**

### USAID Anchor Site in Petojo Utara

Through a joint campaign on hand washing with soap and waste separation conducted by ESP, SWS and FSN/Mercy Corps, four communal hand washing with soap stations were installed in Kelurahan Petojo Utara. Mercy Corps/FSN continued to assist the community and encouraged each household to have an individual hand washing station.

- The cadres of RW 08 have been very successful in motivating their community members to start adopting good hygiene practices and have also been able to stimulate three other RWs along the Krukut River to start replicating the success of RW08's program. The four RWs participated in a two-month campaign called "Clean River, Healthy Life", which culminated in a one-day river clean up, where 150 people from 4 RWs together with local government from Kelurahan Petojo Utara and Kecamatan Gambir cleaned up garbage along the river. Two months after the river clean up, the communities from all eight RW in Kelurahan Petojo Utara declared their joint commitment to health and hygiene behavior in front of the Mayor of Municipality of Central Jakarta, H. Muhyat.
- One of the most successfully integrated programs in Petojo is the installation of communal sanitation facilities, called MCK plus plus (MCK++). This facility houses 6 toilets, 4 bathrooms, 1 child friendly toilet and bathroom, one common room and a kitchen for Posyandu and Early Child Education activities, and hand washing with soap stations. This MCK++ is the first of its kind in Jakarta that uses a Decentralized Wastewater Treatment System (DEWATS), consisting of a baffled reactor and a bio-digester, which produces biogas that can be used as an energy source for cooking, replacing kerosene. When the waste water effluent reaches Jakarta effluent standards (BOD < 50 mg/l), to be measured after six months operation, the CBS will be considered completed.
- ESP, FSN/Mercy Corps, SWS and HSP conducted a hygiene campaign packaged in a healthy walkathon event on August 28, which was attended by 2,800 people.



ESP JAKARTA

The MCK++ with small playground (left) and common laundry area (right) have become the center of community activities, where people gather to talk about recent news in the community.

- Petojo Utara has now become a very successful showcase site, visited by many different organizations, journalists and government institutions from abroad and domestic. Many articles were published in the newspaper and television.

### Petojo Utara: A Community-Driven Program

Petojo Utara RW 08 is located in the heart of Jakarta, not far from the National Monument. The poverty is invisible from the main street, but once inside the dark and narrow walkways reveal the real condition of this community that lives in the shadows of the surrounding skyscrapers and shopping malls.

One third of Petojo Utara's residents are below the poverty line. Household solid waste is disposed of in the river, and residents practice open-defecation in the gutters and river. More than 50% of the houses rely on communal sanitation facilities. Sixty percent of the residents rely on groundwater as their only source of water, while 40% of the houses have piped water supply that is unreliable.



ESP JAKARTA

**Pak Irwansyah and his wife, Herra Yunita both grew up in Petojo Utara and have dedicated the past eight years to making improvements to the environmental conditions.**



ESP JAKARTA

**Yuniar Rahman said of being a community, "It is like being a student. I learned a lot and now my family is benefiting from the knowledge I gained and so is the target community"**

Fortunately, there are residents who are deeply concerned about the environmental and health conditions in this community. Pak Irwansyah and his wife, Herra Yunita, have dedicated the past 8 years to improve the environmental conditions. In 2005, they received additional assistance from the USAID funded FSN, ESP, HSP and SWS programs.

With this support over the past two years, Petojo Utara has seen a dramatic improvement, such as greening, composting, nutrition program, hygiene improvement, river clean up, and construction of an MCK Plus Plus.

### USAID Anchor Site in Kecamatan Gambir and Kecamatan Menteng

- ESP supported an HSP Puskesmas-based program in Kecamatan Gambir and Menteng. After conducting a comprehensive assessment of the Puskesmas' water and sanitation facilities, a workshop was held to disseminate the results to 41 doctors, midwives and nurses from 9 Kelurahan and Kecamatan-level Puskesmas. During the workshop, participants identified several hygiene problems that need to be addressed, such as how to manage hazardous and infectious waste, solid waste, and waste water. Budget limitations currently make it difficult to build new treatment facilities and maintain existing facilities.

### **Think Nationally, Act Locally in one of BHS Integrated Sites**

- ESP Jakarta contracted *Pusat Pengembangan Masyarakat Agrikarya (PPMA)*, a local NGO for community development, to conduct a census on the status of water and sanitation facilities in 350 households in RW 04 Jembatan Besi. The census results showed that half of the households were not connected to a piped water network. Five clusters consisting of 9 to 19 houses were identified as potential groups to receive master water meter connection to piped water. Two of the clusters have already expressed their interest in this. In the next workplan period, ESP will award a small grant to a local NGO to help these clusters establish a piped water connection to Palyja, the only water service provider in this area.

### **OTHER HIGHLIGHTS**

- **Collaboration with Helen Keller International (HKI) and General Electric (GE).** A new collaboration was initiated with USAID's Opportunities for Vulnerable Children (OVC) implementing organization, HKI and a private partner, GE, particularly for a hygiene, water and sanitation improvement program in 5 HKI inclusive primary schools. HKI had rehabilitated the physical structure of all the five schools, including the walls, floor tiles, toilets and stairs to make the school facilities accessible for children with special needs. ESP conducted a rapid assessment of the hygiene, water, and sanitation systems and recommended options to improve the existing systems.
- **Supporting National Sanitation Conference 2007.** To support the National Sanitation Conference 2007, ESP helped to conduct a series of press conferences that included a site visit to MCK++ in Petojo Utara with the theme of "A Portrait of Successful Urban Sanitation System". "Last year, Petojo Utara RW 08 was a slum area, with open-defecation occurring in the gutter and trash thrown everywhere. But today it is clean and green," proudly stated by the head of the RW, Pak Irwansyah, in front of dozens of journalists.



**School-Based Program:  
Hand Washing with Soap**



Four of the five schools assisted by Cinta Air program supported the USAID national campaign on hand washing. A total of 175 students, 175 mothers and 16 teachers participated in the event that was held on May 6.

**School-Based Program:  
Waste Separation and  
Composting**



As part of Public Outreach and Education program, Cinta Air conducted a campaign and training on litter removal and advanced solid waste management practices, such as waste separation and composting. School students classified and separated the waste into organic and non-organic. Following the training, a school-based communal dumpsite was installed in one school, benefiting 303 students and 11 teachers.



**Community-Based Program:  
Clean, Green and Hygiene  
Competition**



A total of 119 households participated in a Clean, Green and Hygiene Community Competition. The evaluation indicators include cleanliness, re-greening and hygiene practices. Kampung cleaning has now become a regular activity of the community. Once a week, they clean the clogged gutter and rehabilitate the drainage canal.

**Community-Based Program:  
MCK Construction**



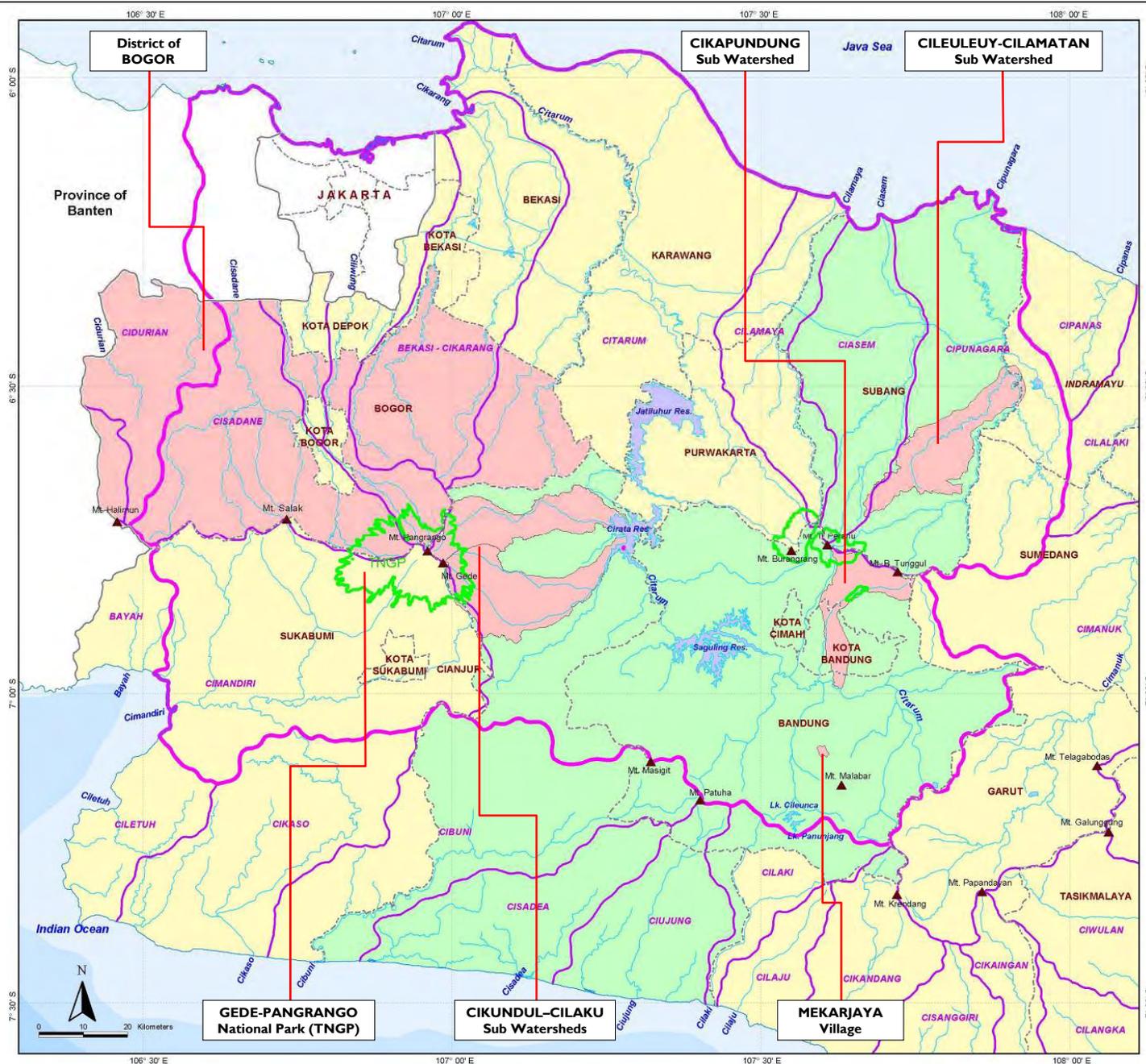
Four public latrines were installed in response to one of the hygiene behavior campaigns on proper-defecating practice. One of the MCK was co-financed by the District Health Office. The 4 latrines directly serve 61 families or 257 people. The numbers are doubled by many other individual users that are not registered.



# WEST JAVA REGIONAL PROGRESS REPORT



# Map Annual Report 2007 West Java-I Location of ESP Integration Approach for West Java Region



**Legend:**

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





## SECTION 2.4.

# WEST JAVA REGIONAL PROGRESS REPORT

## INTRODUCTION

- Three watershed management plans with village level action plans were prepared and implemented this year in three subwatersheds: Cikundul–Cilaku (Kab Cianjur), Cikapundung (Kota Bandung), and Cileuleuy–Cilamatan (Kab Subang). Two watershed management plans were also prepared in two special locations: Mekarjaya village (Bandung) and Gunung Gede Pangrango National Park. Thirty community groups were established that have now formed three watershed management forums.
- ESP provided technical assistance to nine municipal water companies in West Java. Improvement in service coverage to the poor was a priority. ESP supported three PDAM (Kota and Kab Sukabumi and Kab Bandung) to establish a micro-credit facility with Bank BRI. ESP assisted PDAM Kab Bogor to prepare for a corporate bond. ESP also conducted non-revenue water loss reduction programs and surveys for customer reclassification.
- ESP is also supporting implementation of 12 Community Based Solid Waste systems in Kota Bandung (1 ongoing), Cianjur (1 completed, 8 ongoing,) and Subang (2 ongoing) as well as two Community Based Sanitation systems (both on-going in Kota Bandung). The 10 on-going CBSWM systems will be completed in the coming six months, with finalization of the tariff structures and agreements on roles and responsibilities by the respective communities. The two on-going CBS systems are currently under construction and will be ready within 6 months, including measuring of waste water in accordance to Kota Bandung effluent standards.
- As already targeted, generally speaking, West Java area succeeded in expanding communication network and advocacy this year. Quantitatively, there were at least 6 main media (besides other media). These media were Pikiran Rakyat (2-3 free pages specially provided in each MMC), RRI Pro I FM, I-Radio Bandung, and Sonata (all of them provided free talk-shows each month), Kompas (full support in each 'Media Visit'), and Bandung TV (regular talk-show). They have supported advocacy and campaign activities (mainly Multi-Media Campaign) regularly performed. Especially in the fulfillment of all series of MMC activities this year, there were at least 10 live interviews (radio), 23 live reports (radio), 12 talk shows (radio), 3 talk-shows (TV), 28 stories in printed media, 8 online news, and 16 articles from experts and activists supported by POC. In addition, at least 12 partnerships were attained this year, with private sector, Municipal Water Company, and several offices within the Regional Administration. Therefore, at least more than 2 million people were reached from the activities this year (referring to the data on reached people from "Media Scene" – although part of the data is not available).
- Behavior change on hand washing with soap (HWWS) has expanded to 11 schools involving at least 3,000 school children in Bandung, Subang, and Cianjur. In April

2007, a simultaneous HWWS campaign in 6 elementary schools in Taman Sari Bandung engaged not only students and teachers but also parents and school board management. This culminated on May 6, 2007, where 1,198 elementary school students and their mothers participated in the national campaign on washing hands with soap in Gedung Sate, Bandung, which was attended by the Governor of West Java, Dany Setiawan. School- based activities on HWWS have ranged from hand washing with soap demos, teaching models, and organizing intra and extra curriculum activities, such as boy scout and sports event.

## INTEGRATED SITES

### Blue Thread in Cikapundung Sub-Watershed (Bandung)

- Thirty-three percent of the land area (4,700 ha) in this subwatershed is critically degraded. The Cikapundung River that runs through this subwatershed is one of the primary sources of water for PDAM Kota Bandung. ESP conducted Field Schools in five villages; five community groups with 111 members were established, which then formed one watershed management forum, called FORTAB (Persatuan Organisasi Rakyat Tatar Alam Bandung). FORTAB has planted 1,220 seedlings on degraded lands; 990 of these seedlings were mahogany and mango seedlings donated by PDAM Kota Bandung, 100 were donated by the Environmental Office of Kab Bandung, and the rest were contributed by the community. FORTAB also established a community tree nursery which has produced 30,000 multi-species tree seedlings that will be planted in the next rainy season.
- The majority of FORTAB members are vegetable farmers. After participating in the field schools, they realized and understood the importance of planting part of land with large trees to improve. FORTAB members also prepared the Cikapundung watershed management action plan, which received wide support from the local government in Cikapundung.
- PDAM Kota Bandung and PT Indonesia Power contributed tree seedlings and asbestos cement pipes to be used for transporting liquid waste from a dairy farm near the PDAM's water supply. PT Indonesia Power also committed to adopt ESP's field school model in five villages surrounding its power plant in Lembang. ESP will provide a Training of Trainers to these villages so that they can conduct field schools.
- ESP conducted community-based solid waste management training in Tamansari village for women cadres in RW 15 and RW 20. The number of cadres grew from four to twenty as interest in the program increased. Villagers are now composting and reusing plastic garbage as raw materials for handicrafts. Three hundred villagers participated in a 1-day event to remove garbage from the Cikapundung River. PDAM Kota Bandung, the Irrigation Office, and the Bandung Environmental Management Board also participated in this event.
- ESP is collaborating with PDAM Kota Bandung for installation of communal septic tanks in Padaluyu Village in RW 01, 02, and 05 which will serve 100 households (500



ESP WEST JAVA

**Director of Bandung's Municipal Water Company, symbolically giving out 5,000 seedlings to the city's local government at the Field Day event**

people), who currently defecate directly into the Cikapundung River. A public bath, wash area, and toilet (MCK) is also under development in Tamansari village and is serving 50 households (250 people). ESP is providing assistance with the designs and the community mobilization & training to operate the new sanitation units. All construction expenses are covered by PDAM Kota Bandung. Both systems will be completed in next work plan period.

- A health and hygiene behavior change training program covered over 120 cadres from various groups in the community, such as community health cadres, family welfare program, youth groups, local Islamic scholars, and public figures. As a result of the training, these cadres developed their own HWWS and solid waste campaign program, which include a community health festival.

### Blue Thread Sub-watershed Cileuleuy – Cilamatan Sub-Watershed (Subang)

- This year, 108,745 multi-species trees have been planted on 362 ha of critical land. A community nursery was established that currently has 61,500 seedlings that will be used to replant 200 ha of critical land. PDAM Kab Subang donated 3000 m<sup>2</sup> of land to the community to establish the nursery in Gunung Tua Village, Cijambe Sub-district.
- Field schools were conducted in five villages (Tambakmekar, Gunungtua, Cirangkong, Cijambe, and Gunungsari). MAPAS, the local community group, (MAPAS) performed monitoring, evaluation, and measured the growth of trees planted trees.
- To support the community-based solid management, the village head of Cijambe donated 5 garbage collection carts, which will be used to transport garbage from the residential area to the solid waste transit area. ESP trained 20 community cadres on composting and recycling, who will then train 200 households (1,000 people).



ESP WEST JAVA

A field school activity in Cileuleuy-Cilamatan Sub-watershed in Subang

### Anchor Sites of Cikundul – Cilaku Sub-watershed (Cianjur)

- This past year, 501,931 multi-species trees have been planted on 1,592 ha of critical land. These tree planting activities resulted from multistakeholder action plans in Kab Cianjur. To support the action plans, two village regulations, 1 bupati degree, and 8 MOUs were signed. The bupati of Cianjur's decree states that every civil servant must plant 10 trees each year. As there are 17,000 civil servants, 170,000 trees will be planted every year.



ESP WEST JAVA

Planting activity in Cikundul-Cilaku Sub watershed in Cianjur

- In Cianjur, 34 community groups were established, with 1,000 members (176 of which are women). The community groups have formed two local community networks that work together; one called Jampedas (Jaringan Masyarakat Peduli Daerah Aliran Sungai, which means Community Cares for Watersheds) and the other called Foresta (Forum Rehabilitasi Sungai dan Hutan, which means River and Forest Rehabilitation Forum). As part of the communities' efforts towards land rehabilitation and tree planting on critical lands, Foresta is now producing banana chips. The proceeds from the banana chips go towards tree seedlings, which will be replanted in this subwatershed.
- ESP facilitated three villages (Nagrak, Mangunkerta, and Sukamaju) to organize community-based solid waste management. 150 cadres were trained on composting and recycling techniques. Two hundred people are now actively composting and recycling in the villages. The Directorate General of Housing, Building, Planning, and Urban Development of Kab Cianjur is highly supportive of this effort and donated seven garbage collection carts to the villages.
- Sixty seven households (350 people) in Tanjakan (Padaluyu village) had to walk between 500 meters to 1 kilometer to obtain clean water, which they carried to their households in buckets or jerry cans. With ESP's assistance, the community built a hydrant pump that carries water from its source to a service location that is much closer to the village.



ESP WEST JAVA

Providing access to clean water in Padaluyu Village using hydrant pump.

### **Clean, Green and Hygiene in Mekarjaya Village (Bandung)**

Under the CGH program, two communal latrines with septic tanks were constructed that now serve 20 households (100 people). The construction costs and labor were provided entirely by the community. These latrines serve as a model on how to design, construct, and maintain latrines, which can then be replicated by other households in the community.

- The Regional Settlement Office of Kab Bandung contributed PVC pipes to channel clean water to a reservoir. The ESP guided the system design, pipe installation, operation, and system maintenance. This clean water supply system now serves approximately 76 households (380 people). The communal latrine also now receives clean water from this system.

### **Think Nationally Act Locally: Gunung Gede - Pangrango**

- ESP facilitated the Gunung Gede Pangrango National Park (TNGP), the association of water users, local communities, and local government agencies to prepare an action plan on conservation in TNGP. A Model Conservation Village was developed in five villages that border TNGP. As a result, 1,097 ha of land are under improved management. A feasibility study on the payment for environmental services was conducted, focusing on water users and tourists' willingness and ability to pay. In the location of a former community-based forest management site lies within TNGP, the local community and TNGP have signed an MOU that will allow the community to manage mixed plantations in the park.

### **Municipal Water Sector**

- **PDAM Kota Bandung:** ESP implemented a water loss reduction pilot program in kelurahan Isola and Ledeng, where the rate of water loss ranged from 60 to 70%. Initial results from a household survey of 2000 PDAM customers indicate that only 80 customers receive 24-hour water supply, while the rest do not have 24 hour water supply. The initial survey results also indicate that the high rate of water loss is caused largely by administration and theft. ESP and ECO-Asia also assisted PDAM Kota Bandung to conduct a study of existing municipal taps which serve 300 connections. Some of these municipal taps are participating in pilot program to convert them to a master meter system; ESP and ECO-Asia have already done this successfully in Medan and Surabaya. PDAM Kota Bandung implemented a tariff adjustment (51%) and proposal for debt restructuring (Rp 300 billion) with ESP's assistance. Apart from these financial support programs, PDAM Kota Bandung also planned to increase its capacity and services by building a new 1,100 liter per second water treatment plant in Cimenteng area that has the potential to serve 60,000 new connections. ESP is assisting PDAM Kota Bandung in the preparation of the Cimenteng project feasibility study, but limited to providing financial analysis only.
- **PDAM Kab Bandung:** Because this kabupaten is crucial for the raw water resource management for the greater Bandung area, ESP facilitated discussion with the 4 PDAM directly involved in this region (Kota and Kab Bandung, Kab Subang and Kab Sumedang). The result was a MoU between the four PDAM demonstrating their strong commitment to a closer collaboration on shared management of their raw water sources. ESP prepared a TOR and approached the ADB for provision of Technical Assistance to assist the PDAMs to develop the legal and institutional framework and obtain support from their respective local governments and parliaments. In September, ADB agreed with the proposed TA, which will commence in November 2007.
- **PDAM Kab Purwakarta:** ESP is providing support to the PDAMs Rp 6 billion debt restructuring, through debt reconciliation and cut-off date setting with the Ministry of Finance and Corporate Performance Improvement Plan. ESP also supported PDAM to develop a GIS system, through on-the-job staff training by preparing simple base-map of their customer area. PDAM staff will now input customer and technical information.
- **PDAM Kab Cianjur:** PDAM Cianjur is one of many PDAMs which is still using only one tariff classification for households, which does not allow cross-subsidization of wealthier to poorer households. ESP initially supported PDAM to setup a new tariff system and followed this with a field survey for all 22,500 current customers, obtaining all details required to group them in four categories in accordance with national guidelines. The survey will be the basis for a tariff cross-subsidy, which will result not only in more affordable tariffs for the poorest households, but also a net revenue gain for the PDAM. ESP also supported preparation of new organizational structure and operating procedures for PDAM management.
- **PDAM Kota Sukabumi:** As with PDAM Kota Bandung and PDAM Kabupaten Purwakarta, ESP also provided PDAM Kota Sukabumi with technical assistance in the preparation of the PDAM's debt restructuring proposal (RPKP) for its Rp 30 billion debt and arrears. The process started with debt reconciliation and cut-off date setting with the Ministry of Finance. ESP also helped to establish a microcredit

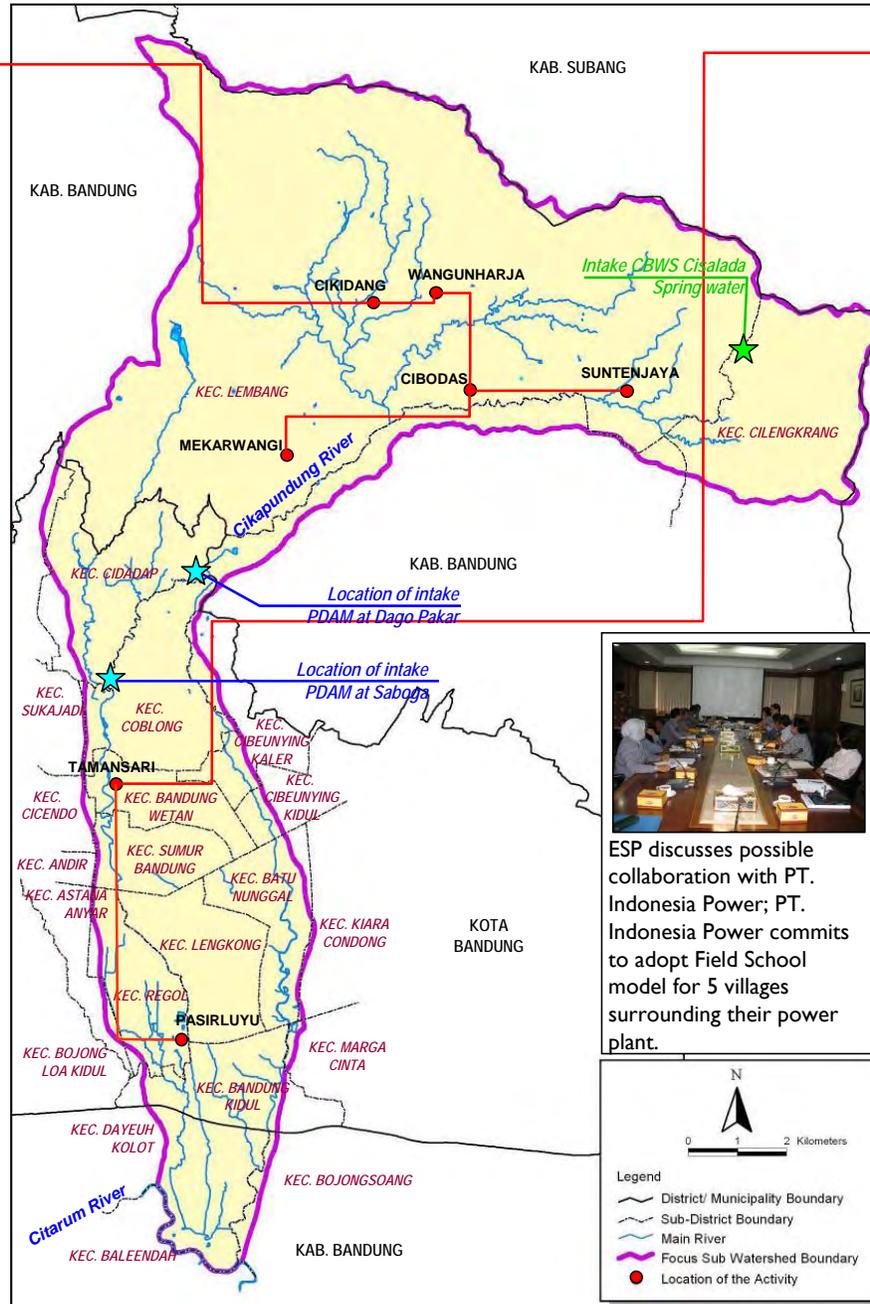
program between the PDAM and Bank BRI; an MOU was signed in August 2007, and, after promotion and training, 15 new household connections were established under this program within the first month.

- PDAM Kab Subang: In order to improve PDAM operational efficiency, ESP supported PDAM staff in preparation and socialization of 40 SOP (Standard Operating Procedures), especially on customer relations and accounting procedures. Process of SOP development was full participation with PDAM staff with ESP in a facilitating role. In this way, PDAM staff can continue developing other SOP for other sections, and ESP will use this model for other PDAM. ESP also worked with PDAM Subang for a water quality monitoring program at Sub Das Cileuleuy - Cilamatan. This program was also conducted with PDAM Kota and Kab Bandung (Sub Das Cikapundung) and with PDAM Cianjur (Sub Das Cikundul/Cilaku). Furthermore, ESP upgraded a pre-feasibility study for PDAM's bulk water supply plan, including use the result of water source study conducted earlier this year to prepare a topographical survey, which will commence in October 2007. The PDAM micro-credit program was also introduced here and two MoU have been signed with PDAM and BRI branches (Kota and Pamenukan), which was followed by training of PDAM and BRI Bank staff and promotion campaign. New connections will commence in October 2007.
- PDAM Kab Bogor: The largest program by ESP for PDAM Kab. Bogor is the ongoing corporate bond issuing, which is described in detail in the Environmental Finance section, which can be found in Section 3.3. In support of this, ESP assisted PDAM staff to prepare SOP for their laboratory operations and procedures, to optimize available resources, to improve quality of reporting and to streamline preventive and/or corrective actions. The PDAM Energy Efficiency audit for Cibinong Water Treatment Plant started last year has been completed and the report is circulating and will be used as follow-up for the Energy Efficiency pilot project with PDAM Surabaya.
- PDAM Kota Bogor: ESP conducted a household census of 33,000 households for Northern Bogor as part of a two-year citywide census of all households in Bogor (80,000), with ESP covering 40% and PDAM 60% of the total cost. Results are a crucial element for updating PDAM customer database, obtaining information about potential new customers and level of service as well as technical issues related to broken water meters and potential illegal connections.

**Cikidang, Wangunharja, Suntenjaya, Cibodas &**



- Established Field School at five villages
- Facilitated the establishment of FORTAB, a community forum of five farmer groups
- Facilitated FORTAB to develop Cikapundung watershed management plan
- Facilitated community groups to create nursery. 30,000 seedlings will be planted in wet season
- In collaboration with Kota Bandung Dept of Environment, and PDAM Kota Bandung, supported FORTAB member to plant 1,220 tree seedlings.
- Trained 120 cadres and community leaders on oral fecal transmission and health and hygiene behavior change information
- Conducted Health Festivals



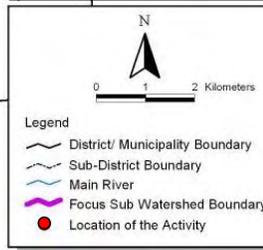
**Tamansari and Pasirluyu**



- Trained 20 cadres of Tamansari on community-based solid waste management
- In collaboration with PDAM Kota Bandung, constructed "MCK Plus" (public toilet with communal septic tank) for 50 households at Tamansari. ESP supported the technical arrangement, operation and maintenance training, while PDAM covered the construction costs.
- Collaboration continued at Pasirluyu with construction of communal septic tank with the capacity to serve 100 households.



ESP discusses possible collaboration with PT. Indonesia Power; PT. Indonesia Power commits to adopt Field School model for 5 villages surrounding their power plant.



- Conducted Multi Media Campaign, consisting of media gatherings, round-table discussions with NGOs, media visits, column by experts, road show to media and the government, and talk-shows
- Involved in national events related to environmental issues, such as: World Water Day, water monitoring; training, survey of Cikapundung subwatershed, data analysis and media/ public expose by students, and Earth Day.



**Community village network in  
Cikundul and Cilaku sub-watershed**



- Established 13 Field Schools for 34 community groups with more than 1000 participants.

- Facilitated the establishment of two watershed management forums (Foresta and Jampedas), which prepared three watershed management plans.

- Facilitated community groups to conduct land and forest rehabilitation through tree planting on the 1365 ha.

- Facilitated the preparation of two village decrees and five land management agreements (Kespela) between landlord with farmers on land rehabilitation program to support the management plan. Government of Cianjur has also released one Bupati decree, regarding the instruction to local government staffs to plant at least 10 trees per year per staff.

- Facilitated 200 cadres on community-based solid waste management. Dinas Cipta Karya donated seven trash carts to six villages. Socialization of Reduce, Recycle & Reuse (3R) model for community, cadre and head of village, including preparation of solid waste management work plan.

**Padaluyu village**

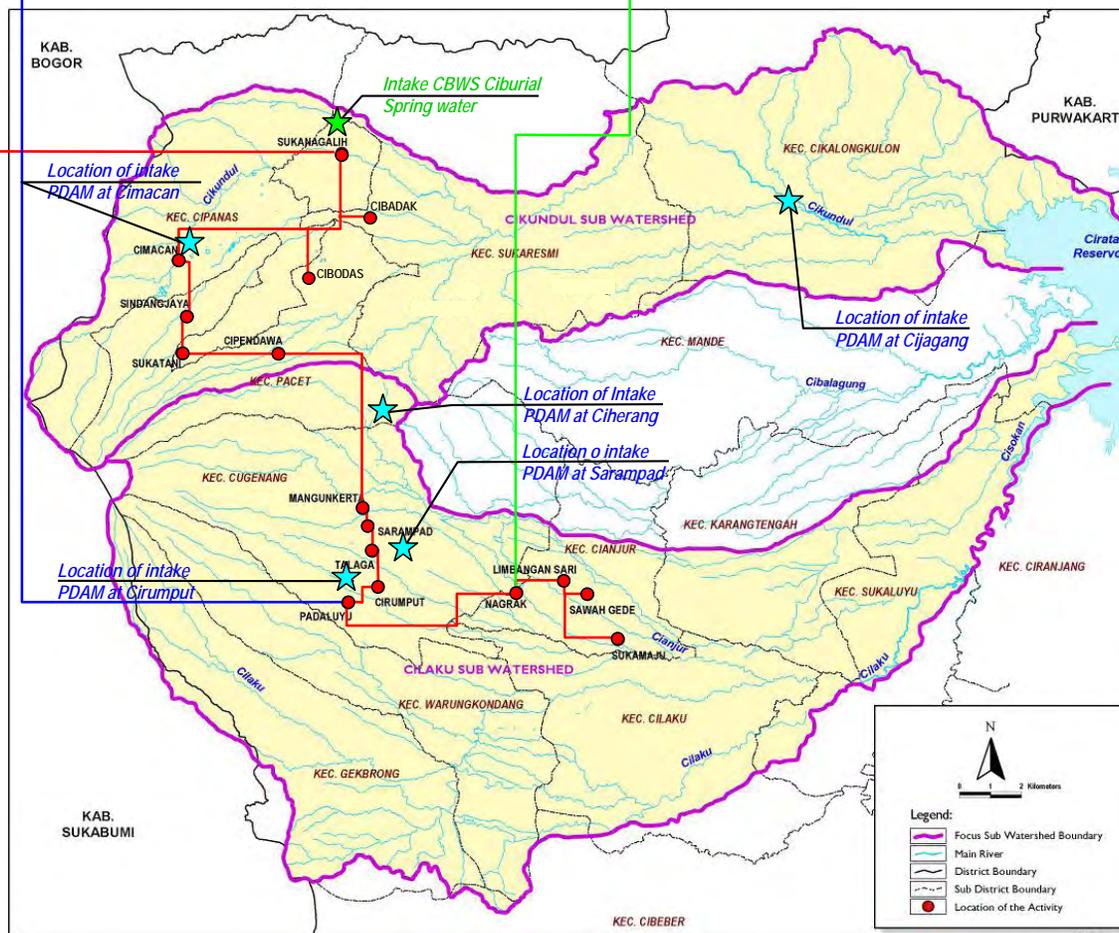


- Facilitated Tanjakan community group (Padaluyu village) to construct, operate and maintain a hydram pump. PDAM Cianjur contributed intake intake pipes and the rest was funded by the communities.

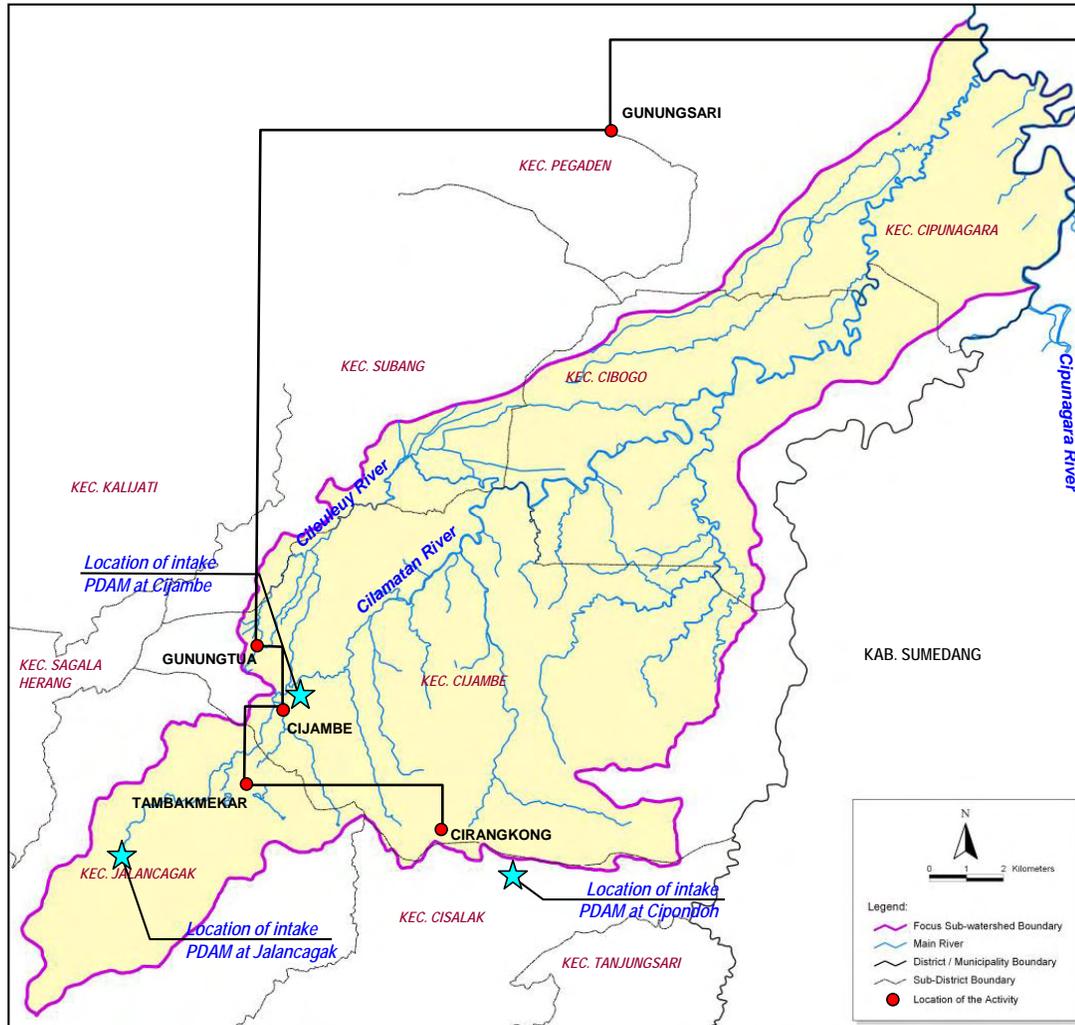
**Nagrak village**



- Conducted Hygiene Festival to campaign on importance of handwashing with soap to community and school children in Nagrak village.
- Facilitated Health and Hygiene discussion on the subject of handwashing with soap from Moslem perspective with 15 ulama from 13 villages.





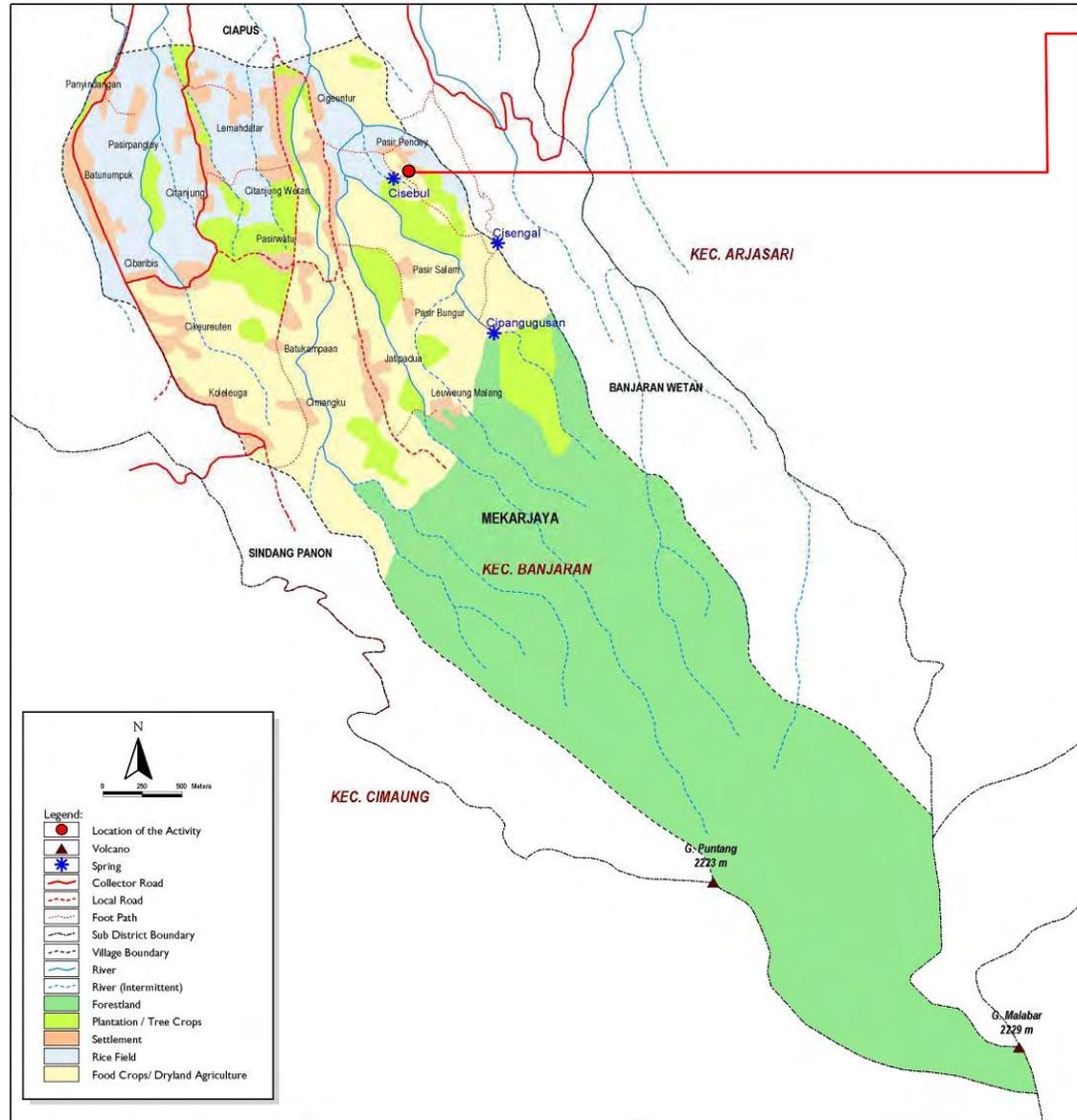


**Cijambe, Gunungtua, Cirangkong,  
Tambakmekar and Gunungsari**



- Established Field Schools in five community groups
- Facilitated the establishment of two watershed management forums: 1) (MAPAS), consisting of farmer groups of Cileuleuy-Cilamantan sub-watershed, and 2) KomiteDAS Subang, a multi-stakeholder forum of Subang community
- Facilitated the forums to develop two watershed management plans
- Facilitated community groups to conduct land rehabilitation through tree planting on 362 ha. A community nursery has produced 61,500 seedlings, ready for planting on 200 ha in the next rainy season.
- Conducted Field School on community-based solid waste management program in Cijambe village, which trained 20 cadres to serve 200 households; To support the program, Cijambe village head distributed five trash carts to five sub-villages.
- Health and hygiene behavior change training conducted for community leaders and posyandu cadre in Cijambe subdistrict.



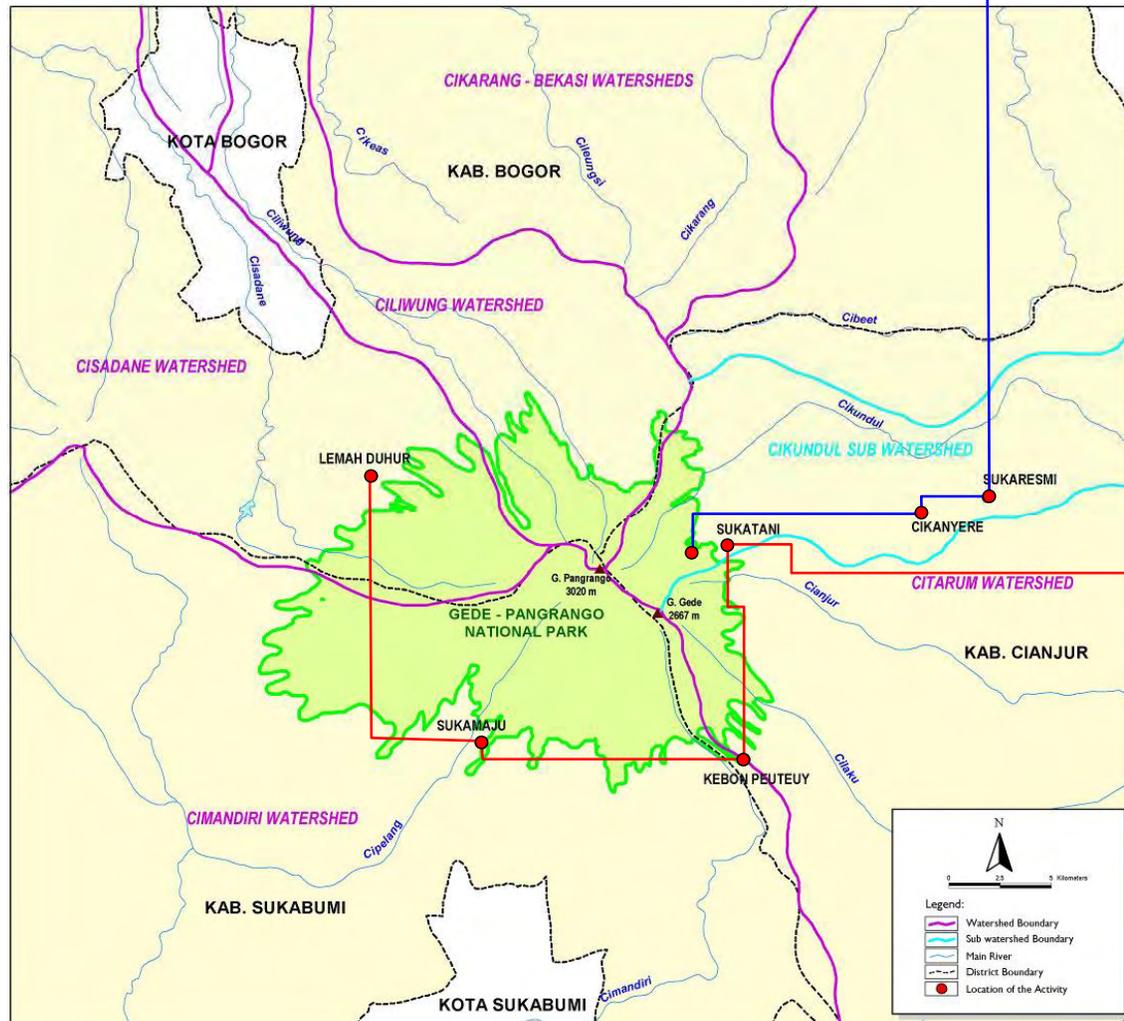


### Dusun Pasir Pendey



- Facilitated discussion between Posyandu cadres and community leaders on fecal-oral transmission
- Conducted Health and Hygiene campaign including hand washing with soap, proper sanitation and safe water to prevent diarrhea
- Facilitated media to visit the village to understand the condition of the community as part of the Multi Media Campaign
- Facilitated the community group to build two public toilets that serve 20 households; budget for toilet was provided by community. ESP providing training on operation and maintenance of the toilets.
- In Collaboration with Dinas Kimtawil Kab. Bandung, supported the community based clean water supply program, through system design, piping installation and training on system operation and maintenance. Pipes provided by Dinas Kimtawil. The water supply system now serves 76 households.





**Cikanyere, Sukaesmi and TNGP area near Sukatani**



- Supported “Rehabilitasi Hutan dan Lahan Partisipatif” (RHLP) model with Ministry of Forestry, IPB, and Cianjur government through establishing Field Schools for six community groups in three villages
- Facilitated the community groups on the creation of three land management agreements (Kespela) between landlord with farmers on land rehabilitation programs in Sukaesmi and Cikanyere villages.
- Facilitated community groups to participate in land and forest rehabilitation through tree planting on 226 hectares, using RHLP model, in Sukaesmi and Cikanyere villages and in former Perhutani area in Gede Pangrango National Park.

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



- Conducted Training of Trainers for local facilitators to support village conservation model program.
- Facilitated participatory planning for the development of four conservation villages in Sukatani and Kebon Peuteuy villages in Cianjur district, Sukamaju village in Sukabumi district and Lemah Duhur village in Bogor district
- Facilitated implementation of water user fees to support Gede Pangrango National Park conservation and rehabilitation program



**Kab. Subang, Kab. Bogor  
& Kab. Cianjur**



- Facilitated the preparation of Standard Operating Procedures (SOP) on Customer Relations for PDAM Kab. Subang; SOP on Laboratory for PDAM Kab. Bogor and Organizational Chart for PDAM Kab. Cianjur

**Kota Bogor**

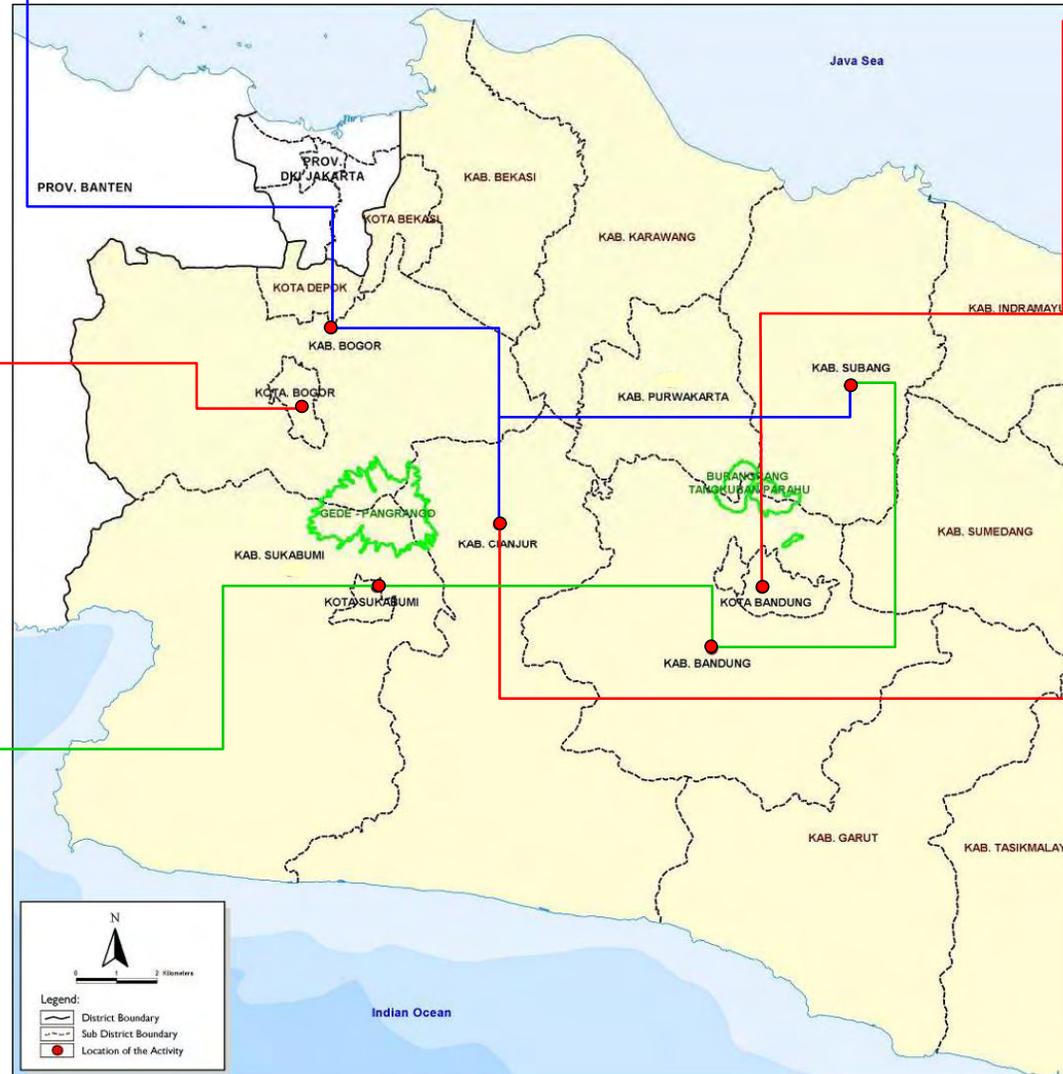


- Facilitated PDAM to conduct survey of 32,000 households North Bogor, 22,000 of which are not yet PDAM customers.

**Kab. Subang, Kab. Bandung  
& Kota Sukabumi**



- Supported PDAM develop the microcredit scheme with Bank BRI.



**Kota Bandung**



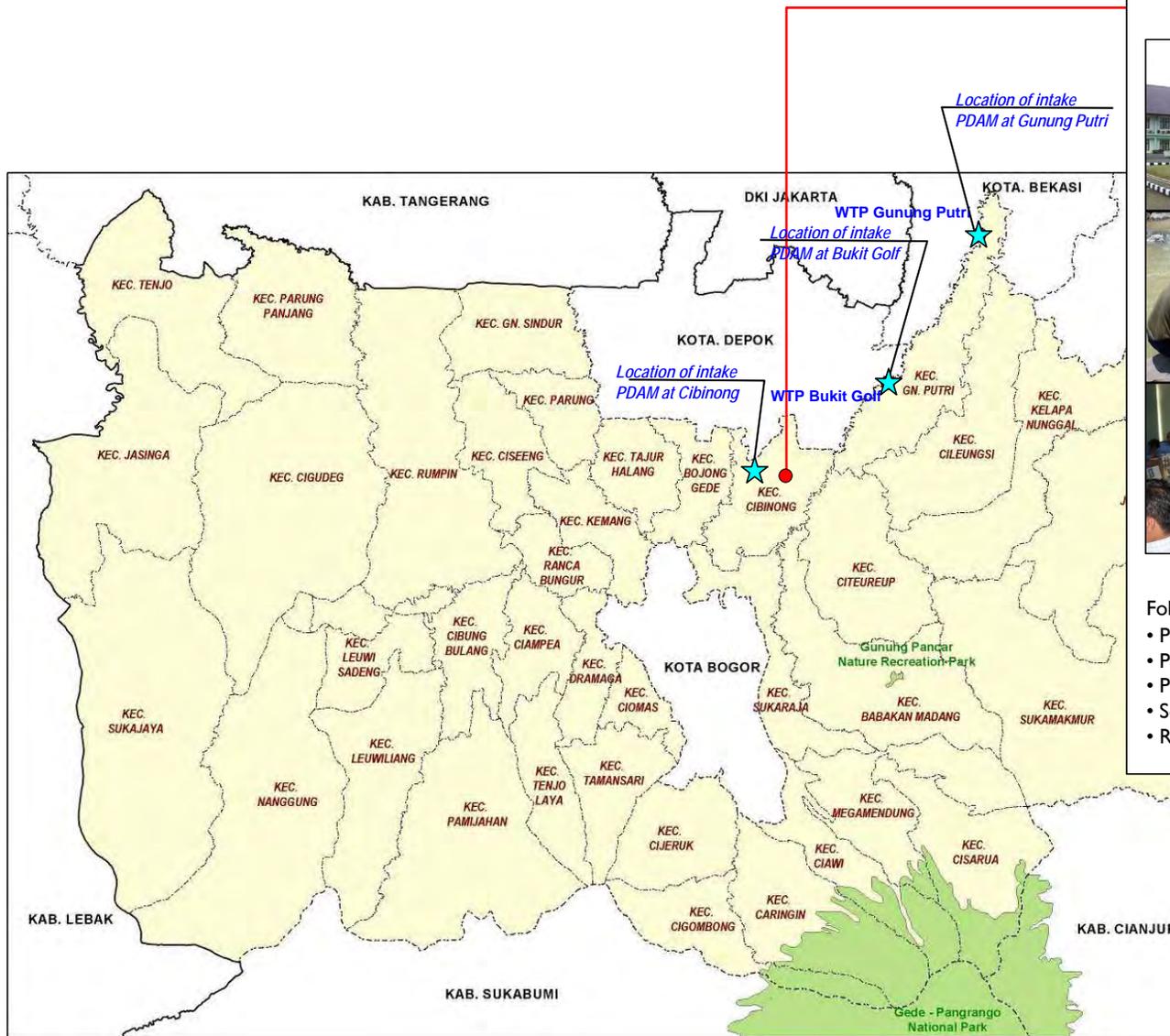
- Facilitated PDAM to conduct survey of 300 public water taps. Each tap serves 5 households. 25 taps were found to be not operating.
- Supported PDAM in Non-Revenue Water survey in Isola and Ledeng villages. 950 households are PDAM customers, while 2000 households are not customers.

**Kab. Cianjur**



- Facilitated PDAM to conduct survey of 22,500 households for the purpose of customer tariff re-classification program. Base on the findings, PDAM is considering to create three customer classifications.





**PDAM Kab. Bogor**



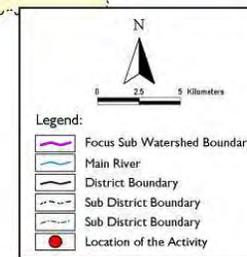
Supported PDAM on increasing alternative finance with conditional commitments for \$5,5 M bond issuance for expanded access to clean water from local government, parliament, DCA and Danareksa.

Process includes:

- Project Identification
- Pre-Feasibility Study
- Presentation/Socialization of Pre-Feasibility Study result to PDAM and stakeholders, followed by written request from PDAM/Local Government to proceed
- Credit Rating of PDAM or Local Government
- Full Feasibility Study
- Presentation/Socialization of Full Feasibility Study result to PDAM and stakeholders, followed by written request from PDAM/Local Government to proceed

Follow-up Actions include:

- Preparation of detailed timeline
- Preparation of Terms of Reference
- Preparation of Project Tendering Documents
- Selection of Financing Institution
- Revision of Financial Projection



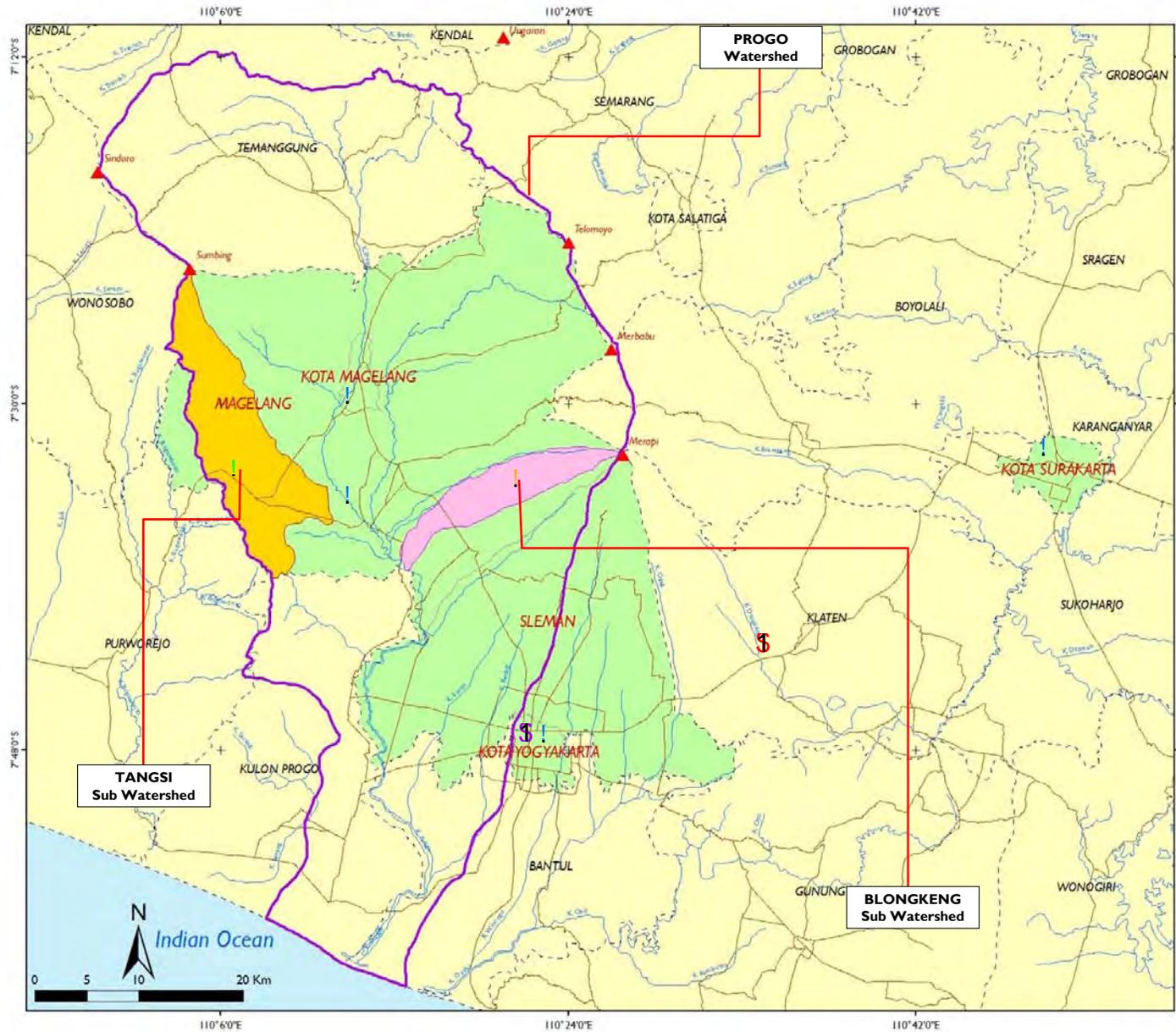


**CENTRAL JAVA AND  
YOGYAKARTA REGIONAL  
PROGRESS REPORT**



# Map Annual Report 2007 Central Java - I

## Location of ESP Integration Approach for Central Java & Yogyakarta Regions



### Legend

-  Mountain
-  Primary Road
-  River
-  District Boundary
-  Progo Watershed
-  Tangsi Sub-watershed
-  Blongkeng Sub-watershed

### Priority District

-  Kota Magelang
-  Kota Surakarta
-  Kota Yogyakarta
-  Magelang
-  Sleman

### Focus area for ESP Integrated Program Sites and Strategies, FY 2007

-  Integrated ESP Activities in Tangsi Sub-watershed
-  Integrated ESP Activities in Blongkeng Sub-watershed
-  Clean, Green and Hygiene in Kota Yogyakarta
-  Clean, Green and Hygiene in Klaten District
-  Technical Assistance for :
  1. PDAM Kota Magelang
  2. PDAM Kabupaten Magelang
  3. PDAM Kabupaten Sleman
  4. PDAM Kota Yogyakarta
  5. PDAM Kota Surakarta

### Map of Indonesia





## SECTION 2.5.

# CENTRAL JAVA AND YOGYAKARTA REGIONAL PROGRESS REPORT

## INTRODUCTION

The positive relationship and trust that ESP Central Java has cultivated with the local government of Kabupaten Magelang serves as a strong foundation for the support that now flows towards the community-based watershed management forums in the Tangsi and Blongkeng subwatersheds. In these two important water catchment areas in the upper Progo watershed:

- Two watershed management forums in Tangsi (called Format Lintang) and Blongkeng (called Parikopi) are now viable entities that have gained the attention and respect of local government officials, including the bupati and several key department heads. The village-level action plans developed through the Field School approach in these 22 villages form integral parts of the two watershed management plans and include activities such as household composting/recycling and solid waste disposal, household septic systems, communal clean water systems, spring protection, community tree nurseries, land rehabilitation through community tree planting, among many other activities in communities and schools.
- ESP invited the participation of relevant department heads from Kabupaten Magelang to participate on a Monitoring and Evaluation team that regularly observed and actively participated as resource people in key steps in the Field School process. ESP fostered close collaboration between the two watershed management forums and the local government agencies. The once inexperienced village facilitators are now poised and confident public speakers, who professionally present their community plans and activities to village heads and local government leaders.
- ESP forged a strong local government commitment to upstream-downstream watershed management. This year, PDAM Kab Magelang provided seedlings to community nurseries for land rehabilitation, and has allocated 1,2 billion Rupiah in next year's budget for protection of water catchment areas and springs in the upperwatershed. Kab Magelang formed a Water Resources Management Council to oversee these funds and has requested ESP's input to identify activities and locations to best direct this funding. The local government has also provided in-kind support, such as seedlings for community nurseries as well as technical staff to serve as



ESP CENTRAL JAVA

**The Bupati of Magelang hands a puzzle to a student from an ESP Clean Green Hygiene School (SD Salaman) to officially open the school's Health Festival, celebrated on World Children's Day.**

resource people at workshops and village-based learning centers, and to help communities implement their activities and Field Schools.

- Hardware follows software: ESP's work to facilitate school committees to implement the Clean Green Hygiene school program in four schools in Tangsi attracted the interest of the US Office of Defense Cooperation to help the schools renovate degraded classroom buildings and improve the sanitation (toilets, septic tanks, sinks), clean water and solid waste facilities at these schools. The construction work will be conducted in the next workplan period and serves as a good example of an ESP strategy "hardware follows software".

The section below reports on the activities in ESP Central Java's five integrated sites: Mini-ESP in the Tangsi and Blongkeng subwatersheds, and Clean Green Hygiene in Kota Yogyakarta, Kabupaten Sleman and Klaten, and PDAM workplans and small grants.



ESP CENTRAL JAVA

"ESP's approach to integrate related programs and focus assistance on several communities in a specific geographic location before expanding the program to communities in other locations could serve as a useful model for government agencies in Kabupaten Magelang," notes Rohadi, Assistant in the Kabupaten Magelang Planning Department. He is seen here planting a seedling at a Tangsi Watershed Management Plan workshop, February 16, 2007.

## INTEGRATED SITES

### Mini-ESP in the Tangsi Subwatershed

- **The Snowball Effect of the Field Schools:**

Just seven months after the formation of the Tangsi Cares Community Watershed Management Forum (Forum Masyarakat Pelindung Tangsi or Format Lintang), the core forum members (ESP's village facilitators who led Field Schools in their own villages) have gained increased self-confidence through their community organizing activities by implementing Field Schools in their own villages. Now they are developing collaborative networks with other communities throughout the subwatershed. The 15 upstream and downstream communities each prepared village level action plans that are now a critical part of the integrated watershed management plan that covers 4,851 ha of Tangsi subwatershed. Forum members have also recently established a Conservation Information Center in Madukoro village, complete with meeting room, community radio, and an office for the watershed management forum. To increase the numbers of community members in the subwatershed who will actively participate in the activities promoted by the watershed forum, Format Lintang members have also created learning centers in four villages throughout the subwatershed that provide information to the community. For example, Sukomakmur village in the upperwatershed now has a learning center focused on land rehabilitation issues, while Salaman village in the lower watershed established a learning center on solid waste management. In the middle watershed, Sambak village has created a model conservation village, and Bumiayu village has established a bamboo nursery and learning center. Local government agencies are supporting these activities with funding, technical trainers, and seedlings.

- **Model Conservation Forest: Potorono Hills.** ESP actively involved local communities to improve forest conservation and management practices. A Pride Campaign, conducted through a small grant awarded to local NGO (YBL Masta), initiated the process by raising community awareness about the impact of their behaviors on the forest. The Pride Campaign reached 1,489 people in eight villages through local radio broadcasts and other community activities. With ESP's support, eight villages surrounding the forest then drafted and enacted village level decrees to support sustainable forest resources extraction and management practices in 727 ha of forest area in the Potorono Hills. The decrees also grant formal recognition of the role of the forest ecosystem as a Javan eagle habitat, source of animal fodder, and tourism. The Potorono Hills, which is an important water catchment area in Tangsi, has now been designated a model conservation forest by the local government. The local communities and Perhutani signed an MOU and have committed to work together on forest conservation activities in the Potorono Hills.
  
- **Clean Water Managed For and By Communities:** Communities which extract their water from small springs around the Tangsi river have no way to ensure that this water is safe for consumption. Agricultural runoff and household waste water is disposed of directly into the river and often contaminates small springs. Three years ago, nine villages in Tangsi established a community-based water forum (Koperasi Dharmowarih Tirtolestari) to better manage their clean water supply. Last year, they received a small grant from ESP to strengthen their technical, financial, and operational capacity, and construct water distribution pipelines to ten communal taps. Now, 40 poor rural families in Sambak and Madukoro villages have access to clean water, and Bumiayu village constructed a water collection tank, which now provides 100 families with access to clean water.
  
- **Elementary Students and Community Health Centers (Posyandu) as Health and Hygiene Communication Change Agents:** 150 students, teachers, and school committee members from SDN 2 Sutopati, SDN Sambak, SDN 2 Salaman, and SDN Menoreh got actively involved to develop a Clean Green Hygiene School on their campuses. They held biweekly learning sessions and biweekly discussion corners on good health and hygiene practices, conducted school litter clean ups, and set up recycling, composting and trash bins in the classrooms. To maintain program sustainability, village facilitators were involved in all CGH School activities. In addition, 30 Posyandu staff received ESP behavior change communication training on appropriate health and hygiene practices. They now use this information and skills to educate 450 parents and children that visit the clinics. ESP supported community activities, such as a Clean Green School Health festival in Salaman and World Child Day at the Agricultural and Forestry Extension Office in Magelang, to strengthen and deepen communities' understanding of the importance of improved hygiene behaviors and the role this can play in reducing diarrhea.
  
- **US Office of Defense Cooperation (ODC):** The ODC identified ESP's 4 Clean Green Hygiene Schools in the Tangsi subwatershed as excellent candidates for school water and sanitation improvements. ESP's CGH School program laid a solid foundation of 'software', which can now be followed by the ODC's 'hardware' (e.g., toilets with septic tanks, sinks with soap dispensers, garbage and recycling bins, school nursery and landscaping, roof and floor renovations, and construction of new classroom buildings). ESP facilitated a workshop with the ODC, the 4 school committee and the local department of education to: review the ODC's school

assessment findings, make recommendations for improvement, and identify the next steps. The ODC is modeling its other school renovation programs in Indonesia on the model that ESP helps develop with the 4 schools in Tangsi. Construction work will take in the next workplan period.

### Mini-ESP in the Blongkeng Subwatershed

- **Parikopi Pioneers Merapi Conservation Movement:** During the Field School process, villagers in the Blongkeng subwatershed developed a network of villages and established a community forum by the name of Paguyuban Rintisan Konservasi Merapi (Parikopi) (Paguyuban Merapi Conservation Pioneers). Six of the seven villages participating in the forum are located in the upper watershed surrounding Merapi National Park. This is an important water catchment area for the Blongkeng river and also forms a buffer around the national park. Forum members prepared a watershed management plan through a multistakeholder process, involving community members, village heads, and government leaders. The 7 upstream and downstream communities prepared village level action plans that form a critical part of the integrated watershed management plan that covers 5,167 ha of Blongkeng subwatershed.



ESP CENTRAL JAVA

“Our neighborhood used to be considered one of the dirtiest in the community, but since ESP introduced a community-based solid waste management system, our youth are turning our garbage into handicrafts, and households are recycling and composting,” says Ibu Suyata with pride, a participant in the ESP Field School in Gulon Village

- **Managing Solid Waste in Poor, Dense, Peri-Urban Areas:** Although Gulon village, which was formerly known as a prostitution area, has already cracked down on this illicit behavior, the community is still struggling to clean up its image. Community members have done several things to disassociate itself from its past such as build a campsite and fitness area. ESP also provided assistance to the local community to develop a Clean Green Hygiene community program to tackle its solid waste

problem. Gulon community members participated in an ESP Field School, developed an action plan, and piloted a solid waste program in 27 households, which are now recycling, composting, and turning garbage into handicrafts.

- **Fostering Health and Hygiene Improvements in Communities Prone to Natural Disaster.** Communities living near the summit of Mt. Merapi, one of the world’s most active volcanos, face unique environmental problems, such as periodic ash eruptions that cause air pollution and extensive sand mining along river banks that pollutes the water and negatively impacts human health. To help address this, ESP focused on Posyandu as an entry point to distribute information about proper health and hygiene practices. ESP conducted training workshops for 21 health clinic workers on the topics of fecal oral transmission and diarrhea prevention, which was followed by community meetings to spread this information to more than 210 mothers of children under five from seven villages.

## Clean Green and Hygiene in Kota Yogyakarta

- **Clean Green Hygiene Community becomes a Model for Local Government:** Kampung Gondolayu in Kota Yogyakarta now serves as a model for local policymakers on how household solid waste can be more effectively managed. ESP raised the profile of this densely populated community’s recycling, composting, and regreening activities by educating the local media about the impact of solid waste management on human health and inviting them to observe the community. ESP brought local policymakers and Gondolayu leaders together to talk about solid waste management issues on a live local television talkshow that drew viewer participation with telephoned questions and comments. The Yogyakarta local government’s existing program called “My Yogya is Clean and Green” is now replicating the Gondolayu Clean Green Hygiene program in seven more urban kampung.
- **Developing Students’ Creativity to Develop Clean Green Hygiene (CGH) Concept.** The Health Festival conducted at Gondolayu and Ngampilan elementary schools conducted as part of a Code River spiritual event served as a stimulus for students’ creativity to further develop the CGH School program. As part of the CGH school program, 100 elementary students conducted a health and hygiene campaign to increase community awareness of communities living along the Code River. The close relationship between the school and the community provided a critical opportunity to sustain the health and hygiene behavior changes in the surrounding community that were initiated at the school. Inspired by the CGH school program, the local government is now instituting a “10 Minutes for the School Environment” program at all public schools in Kota Yogyakarta, where students and teachers will clean the school grounds for ten minutes before entering the classroom.
- **Optimizing Existing Communal Waste Treatment Systems:** High population densities along the Winongo and Gajah Wong Rivers that pass through Yogyakarta have created a serious waste water pollution problem from untreated household waste being dumped directly into the rivers. The 40 communal waste water management systems constructed by the local government only operate at 40% of their total capacity. ESP conducted a survey to assess the condition of these systems, interviewed the surrounding community, and shared the findings at a multistakeholder workshop aimed at increasing the number of users who access the systems. In response, the Yogyakarta local government allocated government funds to make needed repairs and increase the role of the community in maintaining the system. ESP facilitated a 3-day workshop on sanitation mapping for the communities, with technical resource staff provided by Bappeda, and the Departments of Environment and Health.



ESP CENTRAL JAVA

“The E Coli Mascot paraded along the Code River in Yogyakarta, serving as a reminder to the community about the health hazards of diarrhea if the community doesn’t properly manage its waste water,” notes Panji, Health Festival organizer.

**Clean Green and Hygiene in Sleman:** Inspired by the community-based solid waste management programs in Sukunan village, ESP worked with a neighboring village in Kwarasan to support replication of Sukunan's successful program. Thirty community members in Kwarasan are now composting, recycling, collecting and disposing of solid waste, and selling the recyclable materials to markets. ESP also conducted handwashing with soap training in this community.

**Clean Green and Hygiene in Klaten:** Prior to last year's major earthquake that damaged classroom buildings at SD Somoporo (Klaten, Central Java), the school's solid waste and sanitation facilities were inadequate and in serious disrepair. The campus was strewn with garbage, the ratio of students to toilets was insufficient, the toilets had no septic tanks, the distance between the well and the toilets was too close, and the well had no cover. A grant from DART provided funds to a local NGO to build new toilet stalls with septic tanks and construct a covered water tower. In collaboration with DBE 2, ESP developed its first Clean Green School program to address these problems.

- ESP facilitated sixty students and teachers in monthly learning sessions and discussion corners to discuss health and hygiene issues. Participants began taking concrete steps to improve solid waste, sanitation, and handwashing practices at the school. They made garbage and recycling bins out of cardboard boxes for each classroom, sorted recyclable materials, and did a litter clean up on the campus. Inspired by these changes, the head of the RW worked with a neighboring pig farm to significantly reduce the amount of animal waste previously disposed directly into the street surrounding the school, which had produced a foul odor, that often disrupted the students' learning.

## WATER UTILITY SECTOR (PDAM)

- **PDAM Kota Yogyakarta:** A pilot customer census and water loss reduction program was conducted in the Wirobrajan area with 5000 households, which indicate that water losses are at an astounding level of 55%, caused primarily by broken pipes in the water distribution network. PDAM Yogyakarta stated interest to develop a pipe network rehabilitation program in Wirobrajan and will develop a similar program to reduce water loss in other areas. "Although the water loss survey was only conducted in a pilot area, ESP's work helped us understand the problems we are facing with water loss and what we need to do to address them," commented Agus Triwidodo, Technical Director of PDAM Kota Yogyakarta. ESP also assessed 170 public taps of PDAM Kota Yogyakarta; the results of the assessment will be useful for PDAM to develop policy and define potential pro-poor service options and interventions.
- **PDAM Kota Surakarta:** A pilot customer census and water loss reduction program was also conducted in the Pucangsawit area with 3500 households. With ESP's assistance, PDAM staff conducted the census, using leak detection equipment owned by the PDAM which had never been utilized before. "ESP's analysis of water loss will be very useful to us when we develop a potable water zone program," commented Pak Abimanyu, Director of PDAM Kota Surakarta. ESP assisted PDAM Surakarta and Bank Rakyat Indonesia (BRI) to establish a program to enable low income households apply for microcredit to pay for the costs of initial household connections to PDAM.



ESP CENTRAL JAVA

“Hopefully, this customer census will help explain and support my complaints to PDAM, such as why do I only receive PDAM water at night? During the daytime, the water does not run, and during holidays, like Lebaran when I have lots of guests, we receive no water at all” comments Ibu Sumiyati, a customer of PDAM Kabupaten Magelang.

- **PDAM Kabupaten Magelang:** The results of ESP’s feasibility study was crucial in the Kabupaten Magelang’s decision making process to expand its service coverage area. ESP staff presented financial and technical considerations to the Bupati and other government officials. ESP’s work with PDAM Kab Magelang continued with a pilot program of customer census and water loss reduction in Mertoyudan with 5000 households. ESP and the PDAM did this with 50-50 cost-sharing and sharing of technical implementation in the field. ESP also conducted a 4-day workshop to train six PDAM staff and 1 Public Works Department staff on the applications of GIS for PDAM planning and operations.
- **PDAM Kota Magelang:** To increase the technical staff’s capability to prepare digital maps, ESP conducted a basic GIS training. In order to improve PDAM social services, ESP conducted assessment of 95 public taps.
- **PDAM Kabupaten Sleman:** ESP discussions with the management team revealed several problems they are currently facing. One major problem is the lack of complete Standard Operating Procedures (SOPs). To address this, ESP facilitated the improvement and completion

of the SOPs in a participatory manner involving PDAM staff. This served as the entry point for improving the organization’s management.

## SMALL GRANTS

- Community-Based Water Supply Forum (Koperasi Dharmowarih Tirtolestari) received a small grant to strengthen their technical, financial, and operational capacity, and construct water distribution pipelines to ten communal taps in two villages in the upper Tangsi subwatershed. Forty poor rural families in Sambak and Madukoro villages now have access to clean water. The water forum also constructed a water collection tank in Bumiayu village, which now provides 100 families with access to clean water.

### ***Ibu Atin: Tireless Solid Waste Activist***

Ibu Atin, an ESP village facilitator, kindergarten teacher, and young mother from Salaman Village (Tangsi subwatershed), is a very busy, patient, and persistent woman. She is well respected in the community for her strong dedication to implement community activities. Over the past year, she has facilitated three community groups in her village to improve their solid waste management practices through recycling and composting. To ensure the sustainability of these activities and spread the knowledge to others, Ibu Atin has also established a Solid Waste Learning Center in her village and has become a facilitator at ESP's 4 Clean Green Hygiene Schools in Tangsi, which are also now conducting recycling and composting.



ESP CENTRAL JAVA

**Ibu Atin, an ESP village facilitator, kindergarten teacher, and young mother from Salaman Village**

Reflecting on her experiences as an ESP village and school facilitator, Atin recently stated, "ESP helped me learn how to be a program manager. ESP's community education approach is very patient and systematic. I learned that there are a lot of different ways to motivate the community to take action which will help the community to be clean and healthy for the long term." Atin's high level of self-confidence and clear speaking voice acquired through her role as village facilitator greatly help her in her new community organizing role. These skills are what ESP valued when inviting her to become a focus group discussion facilitator for a series of workshops held to assist Kota Yogyakarta prepare its Citywide Sanitation Strategy.

## Map Annual Report 2007 Central Java - 2 Location of Integrating ESP Activities at Tangsi Sub-watershed, Progo Watershed

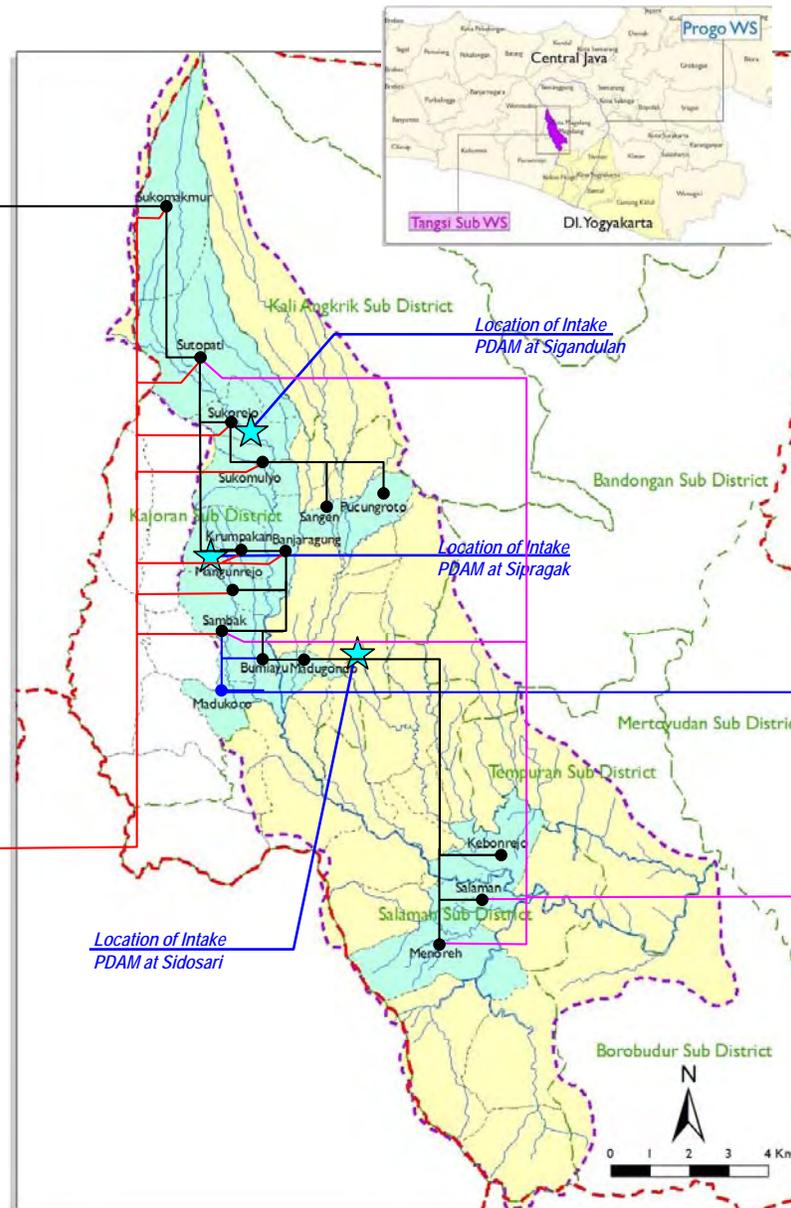
### Snow-ball Effects of Field School

- o 15 Field Schools conducted, reaching 586 people.
- o Watershed Forum established and watershed management plan being implemented in 4,851 ha, including 15 village action plans and 8 supporting local government regulations.
- o 14 local government staff from 8 institutions of Kab Magelang actively involved in Monitoring and Evaluation team of Field Schools.
- o 35 village nurseries established that support more than 400,000 seedlings.
- o Conservation Learning Centers with land reclamation theme at Sukomakmur Village and land conservation theme at Sambak Village.
- o Rp.1.2 billion leveraged from local government to support implementation of watershed management plans.



### Pride Conservation Campaign in 8 Villages

- o Pride Conservation Campaign reached 1,489 people in 8 villages through local radio programs.
- o The Pride campaign materials increased the community's understanding of the importance of forest and natural resources, wildlife, catchment area and spring protection in Potorono Hill.
- o 727 ha of forest lands in Potorono Hills are now under improved management and have been designated as a model conservation area.
- o 8 village regulations were enacted that support forest and natural resources management in 8 villages.



### Improved Access to Clean Water for Households Receiving Water from Community Based Water Supply

- o Technical, organizational, and financial management training provided to community water supply management forum
- o Small grant awarded to community water forum to construct 10 communal taps that now serve 40 poor families in Sambak and Madukoro villages.
- o In Bumiayu Village, ESP facilitated community to build one water broncapturing unit, benefitting 100 families.



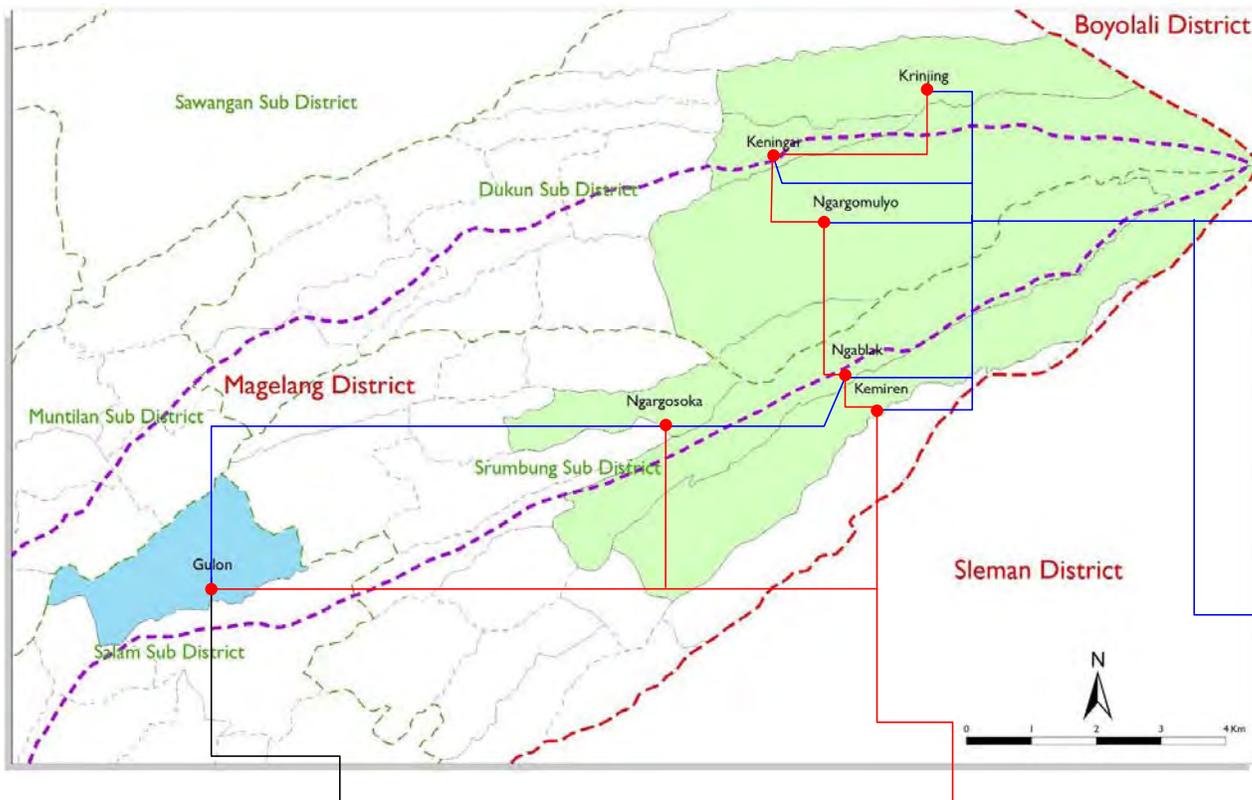
### Primary School and Posyandu Cadres as Clean and Healthy Behavior Change Communication Agents

- o 120 students involved in development of 4 Clean, Green and Hygiene (CGH) Schools, including discussion corners, Health Festivals, recycling and composting, handwashing with soap, and regreening efforts.
- o 30 Posyandu cadres trained on Health and Hygiene Behavior Change Information, which they share with their communities. The cadre have trained 450 parents in the community.





## Map Annual Report 2007 Central Java - 3 Location of Integrating ESP Activities at Blongkeng Sub-watershed, Progo Watershed



### Parikopi as Volunteers for Conservation in Merapi



- o Field Schools conducted in 7 villages, which have involved 249 people in Field School activities.
- o A community watershed management forum - Paguyuban Rintisan Konservasi Merapi (Parikopi) – was established following inter-village planning meetings and multistakeholder workshops. This forum now serves as a media for communication and collaboration on watershed management issues, especially in Blongkeng Sub-watershed and buffer area of Merapi National Park.

### Multistakeholder Collaboration in Water Spring Protection in Merapi and Greater Magelang



- o ESP supported Bappeda to develop spring protection program in Greater Magelang area. This program is funded by PDAM Kabupaten Magelang for 2008 and will be implemented by Dinas Lingkungan Hidup, Dinas Pertanian and other institutions.
- o Analysis and recommendations from hydrogeology, environmental geology and area profiles will support conservation activities in upstream and catchment areas.

### Solid Waste Management in Peri-urban Area



- During Field School, 27 families in Gulon Village conducted:
- o solid waste management with waste separation.
  - o Composting at household scale.
  - o Recycling and creating handicraft products with plastics, such as lamp-shade, coaster for glasses, and home accessories.

### 14 Posyandu Cadres as Clean and Healthy Behavior Change Communication Agents



- o ESP training supported 14 Posyandu cadres with basic communication skills for behavior change, who then trained 210 parents in the community and other Posyandu cadres.
- o Clean and Healthy Behavior Change Communication Training is expected to broaden Posyandu cadres in conveying health messages, especially diarrhea prevention.





#### Clean Green Hygiene Area Becomes a Model for Local Government of Kota Yogyakarta



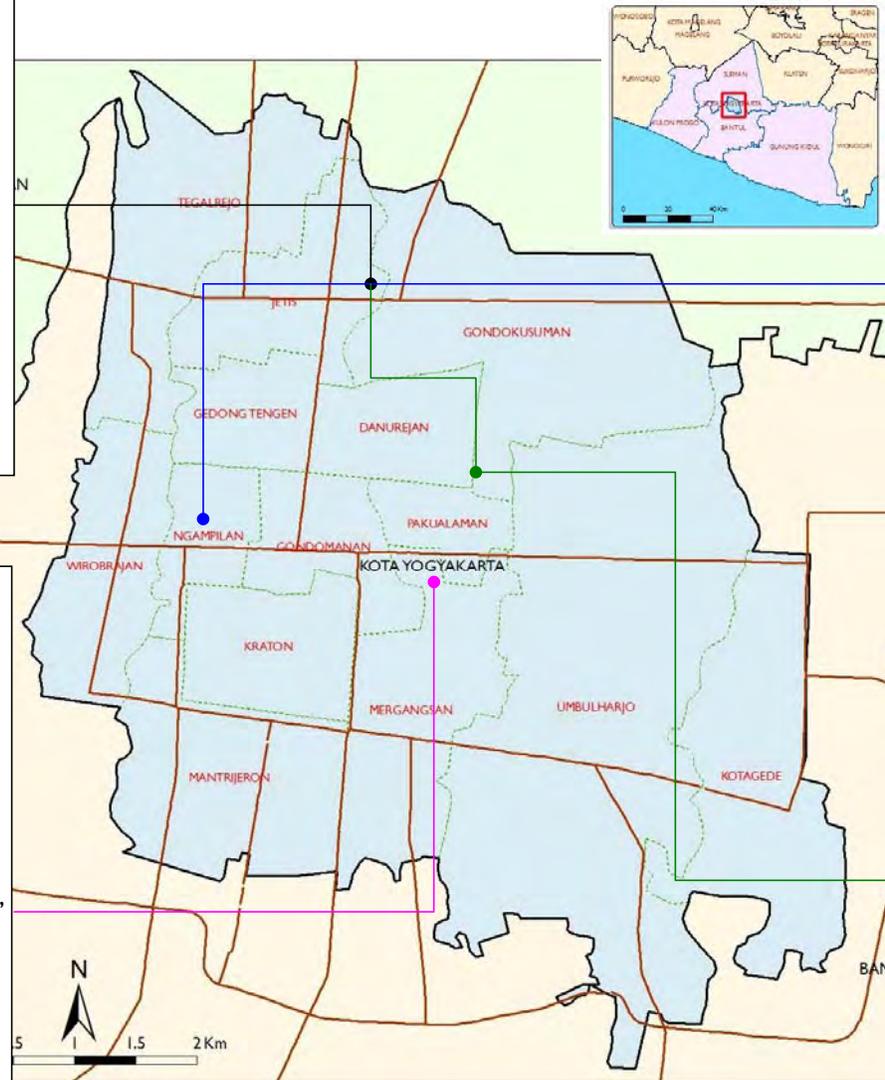
- o Kampung Gondolayu has become a role model for environmental, solid waste, and public space management.
- o Kampung Gondolayu with home-scale solid waste management program received support from local government such as donations of garbage collection carts.

#### Survey on Optimization of Communal Sanitation System Utilization (IPAL)

- o Result of ESP survey shows that utilization rate of 40 existing communal IPAL units in Winongo, Code and Gajah Wong riverbelt area is only 40% of capacity. ESP will assist local government to increase community access to IPAL in next workplan.



- o In collaboration with ADB, ESP facilitated local government of Kota Yogyakarta to develop Citywide Sanitation Strategic Plan, which includes solid waste and waste water management, and community health.



#### Clean – Green School Model

- o Clean Green School program actively involved 100 students and 10 teachers in 4 schools to initiate clean and healthy values in their schools
- o Health Festival raises community awareness about importance of clean and healthy behaviors.
- o Community in school vicinity also involved in CGH program to deepen and broaden the results in surrounding community, as community behaviors impact the school environment.



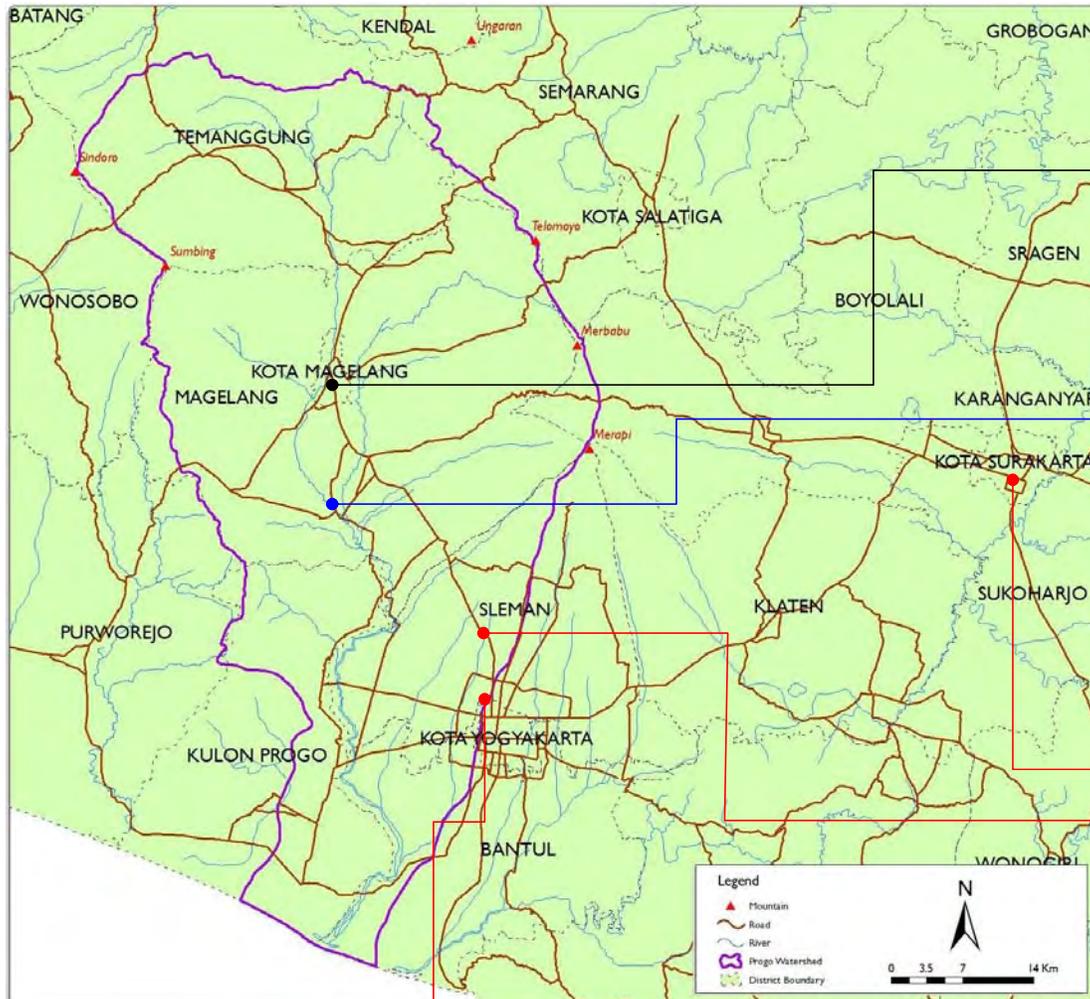
#### Multi Media and Handwashing with Soap Campaigns and Activities

- o Humana campaign (handwashing with soap) in Code river.
- o Implementation of MMC #6 - #9.
- o Hand Washing with Soap Campaign in collaboration with UNICEF.
- o Photo exhibition on Water and Environmental, Collaboration with local NGO (PFI).





## Map Annual Report 2007 Central Java - 5 Location of Water Utility Sector (PDAM) Activities in Central Java and Yogyakarta Provinces



### PDAM Kota Magelang

- o Capacity building for technical staff in digital mapping with Basic GIS Training.
- o Assessment of public taps that provide clean water to the poor.



### PDAM Kabupaten Magelang

- o Census of 5,000 PDAM customer and non-customer respondents in Mertoyudan sub-district pilot area.
- o Non Revenue Water (NRW) Program to reduce water loss in pilot area with several methods, such as step test, water consumption and pressure survey and meter accuracy test.
- o Capacity building for technical staff in digital mapping with Basic GIS Training.



### PDAM Kota Surakarta

- o Census of 3,500 PDAM customer and non-customer respondents in Kelurahan Pucangsawit pilot area.
- o Non Revenue Water (NRW) Program to reduce water loss in pilot area with several methods, such as step test, water consumption and pressure survey and meter accuracy test.
- o Assessment of public taps to improve social services that increase the poor's access to clean water.



### PDAM Kota Yogyakarta

- o Census of 5,000 PDAM customer and non-customer respondents in Wirobajan sub-district pilot area.
- o Non Revenue Water (NRW) Program to reduce water loss in pilot area with several methods, such as step test, water consumption and pressure survey and meter accuracy test.
- o Assessment of public taps to improve social services that increase the poor's access to clean water.



### PDAM Kabupaten Sleman

- o Development of Standard Operating Procedure (SOP) in PDAM Kabupaten Sleman in order to improve organization management.



# EAST JAVA REGIONAL PROGRESS REPORT







## SECTION 2.6.

# EAST JAVA REGIONAL PROGRESS REPORT

## INTRODUCTION

ESP's work in the High Priority Province of East Java focuses on the Brantas Watershed, the largest and most economically important waterway in East Java that also contains the greatest concentration of the population (19,118,989 inhabitants or 43% of total East Java population). The upper Brantas watershed contains 107 natural springs and has major recharge zones for the tributaries of the Brantas River. In the upper Brantas, ESP activities this year focused on:

- Rehabilitating lands that provide the critical raw water supply that PDAM and community-based water forums (Hippam) rely on throughout the watershed. Farmers from villages surrounding the Grand Park Raden Soerjo and Perhutani lands formed watershed management forums and conducted Field Schools that prepared and implemented village level action plans to support conservation and land rehabilitation activities. The Batu local government donated cows and operating expenses to support the watershed management forum. Communities can generate income from the cows, reducing their dependence on the forest.
- Spring protection: PDAM Kabupaten Malang and Kota Batu provided tree seedlings to communities living around the PDAM intake springs in the upper watersheds. The PDAM's springs are protected, while at the same time the community is allowed to harvest the fruit.
- Land rehabilitation of upper watershed: The Grand Park Raden Soerjo in the upper watershed plays an important role not only as habitat of exotic orchids, birds and mammals, but also hydrological function as a source of clean water. Springs of the Brangkal, Sumber Brantas, Maspo sub-watersheds originate from Sumber Brantas. In collaboration with Kelompok Tani Tahura (KTT) and LMDH in 6 villages surrounding the Grand Park, ESP conducted Field Schools and Pride Campaigns, which helped rehabilitate 1,225 ha of degraded land. ESP also conducted habitat mapping to gain a better understanding of how to develop appropriate conservation strategies. ESP supported villages that surround the Grand Park to prepare their village mid-term plans.
- ESP is also supporting implementation of nine Community Based Solid Waste systems in Kab. Malang (3 completed), Kota Malang (1 completed), Kota Batu (2 completed), Lamongan (1 on-going) and Surabaya (2 completed) as well as five Community Based Sanitation systems in Kab. Malang (2 on-going), Kota Batu (1 on-going) and Surabaya (2 on-going). The ongoing CBSWM system will be completed in



ESP EAST JAVA

**School children in Sumberbrantas prepare polybags filled with tree seedlings, which will be planted on their campus.**

the coming six months, with finalization of the tariff structures and agreements on roles and responsibilities by the community. The five on-going CBS systems are will be ready within 6 months, including measuring of waste water in accordance to Government effluent standards.

After leaving the upper watershed, the Brantas River passes through 11 districts and 4 cities before the estuary branches into two rivers: Kali Surabaya and Kali Porong on the coastal plain near Mojokerto. Both rivers flow into the Madura Strait. In its lowland tracts, river water is used as a water source for PDAM of Surabaya, Sidoardjo, and Gresik, which all receive ESP technical assistance.

- **Additional Water Supply to Increase Coverage:** PDAM Gresik and Sidoarjo are struggling with issues related to water supply and increasing production and distribution capacity to keep pace with growing demands for clean water. Their ground water supplies are limited and of poor quality. ESP is assisting PDAM Gresik to assess and expand the capacity of its distribution network, and ESP is assisting PDAM Sidoarjo to explore additional raw water supply from upstream sources in Kab. Malang.
- **Water for the Poor:** ESP continues to support PDAM Surabaya to expand service to the poor through the ESP and Bank Rakyat Indonesia-supported microcredit program and the World Bank Output-Based Aid program.

ESP East Java worked in six sites over the past year: Blue Thread in the Sumber Brantas, Welang and Brangkal subwatersheds, Clean Green Hygiene in Kota Malang and Kecamatan Kepanjen, and Anchor Site in Kota Surabaya. The order in which the integrated sites are presented below flows from upstream to downstream, which varies slightly from the order presented in the workplan. The section below also reports on the PDAM workplans, coordination with other partners in East Java, and the ESP small grants program in East Java.

## INTEGRATED SITES

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

- **Fostering a Return to Land Stewardship to Protect Forests.**

Pak Bambang Parianom (the head of Bumiaji) initiated a return to the community's past tradition of seedling cultivation and tree planting in villages bordering the Perhutani lands and Grand Park. With ESP's support, Pak Bambang pioneered the Bumiaji Intensive Land Rehabilitation Movement (Gerakan Intensifikasi Rehabilitasi Alam Bumiaji or GIRAB), which is a community-based forest management movement. Today, land rehabilitation is once again conducted by community members with the support of local government. During this year's rainy season, GIRAB members replanted 968 ha of degraded lands with multipurpose tree species, such as avocado,



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Through **GIRAB**, the community with the support of local government has conducted nineteen tree planting sessions that have rehabilitated 968 hectares of degraded lands in and around a critical watershed in Kota Batu.

mahogany, suren, and pine. The seedlings were obtained from multiple sources, such as LMDH community tree nurseries established with ESP support, and seedling donations from Perhutani, HIPPA, HIPAM, PDAM, Dinas Lingkungan Hidup dan Kehutanan, and Jasa Tirta. Now that GIRAB is the motor behind tree planting and land stewardship activities, the communities are no longer passive bystanders.

- **Wastewater Treatment in Temas:**

Kelurahan Temas is an ESP longitudinal study site, where community members document changes over time that they are experiencing as a direct result of their improved health, sanitation, and solid waste management practices. Thirty households in kelurahan Temas, Kota Batu, operate unregulated chicken slaughtering and tofu processing as home-based cottage-industries. The untreated liquid and solid wastes from these production processes were disposed of directly into drainage ditches that flow into the Kali Tulus, which was then used by downstream farmers for irrigation and communities for washing. Many farmers in the area suffered from skin diseases from direct contact with the polluted water. Over the past two years, ESP has been working



ESP EAST JAVA

**In Temas, the untreated solid and liquid waste from 30 upstream household cottage-industries was formerly disposed of directly into Kali Tulus that eventually flows into the Brantas River, causing skin disease in nearby farmers. Now the wastes are channeled into a wetland wastewater treatment system that uses several water plant species and a terracing system to treat pollutants before the water is released back into the river.**

with the community and the local government to construct a settling tank and wetland wastewater treatment system in Temas, which uses several species of water plants in a terracing system to absorb and filter the pollutants from the water before it is released back into the river.

- ESP: 1) provided information about the oral-fecal transmission cycle and health and hygiene behavior change information, 2) conducted participatory mapping, 3) conducted a workshop and facilitated a study tour for community members to see a wastewater wetland system in Bali, 4) conducted training on how to construct a wastewater wetland and settling tank, and 5) assisted the community to develop a community-based solid waste management system.
- The local watershed management forum, Fokal Mesra, received an ESP small grant to construct a wastewater pipe system that connects 50 households in RW XI to a communal septic tank that then connects to the wetland wastewater treatment system. Another ESP partner, BEST, oversaw Fokal Mesra's construction work and provided technical and operational guidance so that Fokal Mesra can maintain and operate the system.
- The East Java Provincial Drainage and

Sanitation Department is currently developing a Drainage Master Plan for Kota Batu and has expressed keen interest in using the Temas wetland wastewater system as a model for other communities. Their master plan targets 500 households to participate in wetland wastewater systems by next year.

### Pak Da'un: East Java's Johnny Appleseed.



ESP EAST JAVA

Pak Da'un

This elementary school graduate's life is rich with knowledge of forest conservation and springs. He is tireless in his efforts to support his community. Pak Da'un is a farmer by day with a calling for public service; he serves as the head of a subvillage in Oro-oro Ombo (Kota Batu) and also became the head of the Oro-oro Ombo Community-Based Forest Management (LMDH) organization, which is a volunteer position. Due to his high level of dedication, in May 2006, he was elected to be the coordinator of the LMDH Forum for all of Kota Batu, with 6,700 members covering a land area of 5,442 ha. He is also an ESP village facilitator in Oro-oro Ombo. With ESP's support over past two years, Pak Da'un and his friends in LMDH developed a community nursery with native, multi-species tree seedlings. "Honestly, LMDH did not have any funds to purchase seedlings to establish a nursery. ESP's assistance was invaluable to establish the nursery and now ESP's technical facilitation role is increasing the community's know-how of seedling management so that we can continuously produce new seedlings," noted Pak Da'un. To date, Pak Da'un's LMDH nursery has produced 300,000 seedlings of timber producing trees and 62,000 multi-species tree seedlings. These seedlings have been planted on critically degraded, sloping lands in and around Kota Batu, which gave birth to the Eternal Green Batu (Batu Hijau Lestari) movement. "Whereas before we had no seedlings of our own, now we can produce enough seedlings to share with other villages", commented Pak Da'un. "ESP's support has helped LMDH strengthen its organizational capacity to the point that our organization's contribution to the community is now officially recognized by the local Department of Environment and the assistant mayor," remarked Pak Da'un. Sadly, two months before his 57th birthday this past July, Pak Da'un passed away, but not before planting tens of thousands of trees for the next generation. The new leaves that sprout from these trees will clean the air, protect springs, and maintain a beautiful panorama, and will serve as a fitting memorial to Pak Da'un's life of public service and environmental protection.

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

- ESP conducted Field Schools with two villages that border the Grand Park Raden Soerjo. These communities will form the embryo of the watershed management forum and will develop village level watershed management action plans and local regulations to support those plans.

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

- Malang Holds Record Breaking Handwashing with Soap Event. The greater Malang area recorded 75,338 incidences of diarrhea in 2005, which means one of out every 47 people had diarrhea that year. This was one of the topics of discussion on a four part, local radio talkshow called "Clean Friday" that aired every Friday morning for a month in July, 2007. Radio listeners could participate in the interactive dialogue by telephone. This talkshow, sponsored by ESP and Malang News, held focused discussions on the topics of health and environment, which was part of larger ESP health and hygiene campaign to raise awareness about the importance of handwashing with soap to reduce the prevalence of diarrhea.
- Malang local government officials were inspired to hold a record breaking handwashing with soap event, following the success of the mass handwashing with soap event in Surabaya in May 2007, that was conducted by the Ministry of Social Welfare with the support of ESP. On Saturday, August 4, 2007, the main

thoroughfare in Malang was closed for several hours, as 10,000 students (and their parents) from 50 Malang elementary schools gathered together to simultaneously wash their hands with soap. The Indonesian Museum of Records (MURI) recorded that 7,389 out of the 10,200 participants simultaneously participated in the event, breaking the 2006 record of 5,162 participants. Nuvo also donated thousands of tree seedlings to the Malang local government, which the students planted in pots that they had decorated.

### Health and Hygiene Behavior Change.



ESP EAST JAVA

Over 10,000 students from 50 elementary schools in Malang participated in the record-breaking handwashing with soap event, aimed at raising awareness about one of the most effective ways to reduce the prevalence of diarrhea. The Indonesian Museum of Records documented this record-breaking event.

Healthy and hygienic behaviors are now evident in four kelurahan in Mergosono, Dinoyo, Bareng, and Arjowinangun (Kota Malang), which received ESP support to become Clean Green Hygiene communities.

- Residents of RT IX Mergosono previously disposed of household garbage into the river; after ESP's community organizing, now 60 households are recycling and giving their organic waste to Karang Taruna (community youth group) to process into compost, some of which they give back to the community for greening efforts while some is sold. Karang Taruna now also uses the community's plastic garbage to create composting baskets, which provides employment to some of their members.

Regreening efforts can now be seen all over the four kelurahan, and proud residents vie for the title of "Cleanest Street" in neighborhood competitions.

- In Arjowinangun, health care workers at Posyandu Kenanga III received training and materials from ESP on how to promote handwashing with soap to reduce diarrhea program; this posyandu was recently named the best Posyandu in East Java by the provincial Department of Health. The jury was particularly impressed by the posyandu's recycling and garbage facilities, handwashing with soap facilities, and the handwashing with soap demonstrations given by the posyandu workers to the community.
- Bareng II is one of 8 elementary schools in Kota Malang where ESP conducted handwashing with soap and recycling campaigns. At this school, the number of student absences due to diarrhea reduced dramatically after an ESP solid waste management and handwashing with soap campaign was conducted there. From Dec 2005 to July 2006 (prior to ESP interventions), 99 students had reported absences due to diarrhea. From August 2006 to March 2007, only 1 student was absent due to diarrhea (which coincides with the ESP campaign period).

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

Pak Renung Rubiyatadji, staff of the Department of Human Settlements, Sanitation, and Parks, has long believed that his department needed to more actively provide programs and

services to increase the number of citizens with access to clean water and sanitation. Since 2005, Pak Renung has been a strong supporter of ESP's activities in Kepanjen, which now include two community-based sanitation facilities, technical and facilitation assistance to prepare a citywide sanitation strategic plan, and soon household connections to the public water utility.

- Residents of Boro Utara II in Kepanjen previously disposed of their solid waste and household waste directly into the Brantas River, which they also used as source of water for washing. With ESP support, the head of the village (Pak Kholil) organized his community to donate 200 m<sup>2</sup> of land for a community-based sanitation system. Residents established a community forum to operate and maintain the system and further agreed to make monthly payments to cover the costs of operation and maintenance. This past year, two communal sanitation systems were constructed and now serve 103 households (approx 515 people). One of the two communal sanitation systems was constructed under a 50-50 cost sharing agreement, whereby ESP and Kab. Malang each contributed Rp 200 juta and the community contributed Rp 5 juta.
- To increase these same 103 households' access to clean water, the Department of Human Settlements, Sanitation, and Parks has allocated Rp. 281 juta to construct a piped water distribution system to connect these households to the public water utility (PDAM), which is now in the tender process. The households were initially reluctant to receive PDAM water as they perceived it as unclean, even though their water supply from the river and groundwater was far from clean. With ESP support, the community now understands the benefits of PDAM water, which is expected to be flowing from their households' taps in the next workplan period.
- ESP also provided technical and facilitation assistance to the multi-department sanitation working group of Kab. Malang. Over the past months, a series of workshops were conducted to develop the citywide sanitation strategic plan, which will be used as framework for developing sanitation programs up to 2012.

## Anchor Site in Surabaya

### Wonokromo Takes Care of its Health.



ESP EAST JAVA

**Workers install pipes to connect 103 households (approx 515 people) to the communal sanitation system in Boro Utara II sub-village in Kec. Kepanjen.**

“What is this a picture of?” asks Ibu Eli while pointing to a picture of a flowing river. “That’s water, Ibu”, shout the 20 children under five gathered together on a recent Sunday in Wonokromo, Surabaya, a poor, densely populated urban village. Question and answer is one technique that Wonokromo health cadres use to communicate about proper health and hygiene practices. After being trained on how to use the health and hygiene campaign materials, Bu Eli and dozens of other cadre in Wonokromo now regularly conduct the campaign themselves. The Wonokromo cadres insert the campaign messages into other community activities, such as those of PKK (women’s social welfare group) community health center, prayer groups, or question-answer discussion sessions with young children.



ESP EAST JAVA

**Bu Eli and Bu Umbar (Wonokromo cadre) explain the "Fecal Oral Transmission Cycle" to mothers and children under five during a handwashing with soap campaign in Wonokromo, Surabaya.**

- The cadres also campaign about solid waste management and recycling. As a result, household organic waste is now widely composted and used as fertilizer for plants that now appear on every corner and in front of everyone's houses in the neighborhood. Just a few months ago, household garbage formed a solid mass on the river that runs through the neighborhood and plants were few and far between. In RW VI and VII alone, 1,200 households out of 2,400 are recycling and composting. Such a high success rate attracts lots of visitors from

as far as Malang and Bandung, who want to learn how to replicate this success in their own communities. Many Wonokromo residents now make and sell handicrafts from discarded plastic, such as table clothes, drink holders, pots, wallets and handbags. In early 2007, the community won fourth place in a clean neighborhood competition and first place in a recycling competition in Surabaya, and second place in clean river bank competition. The health cadres also campaign about safe drinking water, including the use of Air Rahmat.

- Eight schools in Wonokromo now actively add handwashing with soap campaign information into students' lessons. With ESP support, a long unused puppet theater has been revitalized and students now write scripts and conduct community performances to communicate about the importance of handwashing with soap. Local health statistics report that there have been no school absences due to diarrhea in the past 20 months.

**Citywide Sanitation Strategic Planning:** ESP also provided technical and facilitation assistance to the multi-department sanitation working group of Kota Surabaya. A series of workshops were conducted and will be continued in the next workplan period to develop the citywide sanitation strategic plan, which will be used as framework for developing sanitation programs up to 2013.

**Think Nationally, Act Locally:** Muhammadiyah received an ESP small grant to design health and hygiene curriculum and implement hygiene behavior change interventions at their religious school (pesantren) and surrounding community in Paciran. At Pondok Modern Muhammadiyah school, students wash their hands with soap several times a day; they have also planted the campus, removed litter on campus, and placed garbage cans in the classrooms. Hygiene messages are integrated into the schools, prayers at mosques, and local radio. The strong support of East Java's Muhammadiyah Chairman has motivated people to improve their behaviors.

## Water Utility Sector (PDAM)

- **PDAM Kota Surabaya.** ESP is helping the PDAM prepare to receive an innovative grant from the World Bank called Output Based Aid (OBA), which will subsidize household water connections to help poor families who are unable to pay for the household connections to PDAM even through a microcredit scheme. ESP assisted with surveys, identification and mapping of poor households. ESP, in collaboration with ECO-Asia supported PDAM Surabaya to survey 10,000 poor households to find eligible candidates for the first year implementation. ESP assisted with determining the funding flow and reimbursement procedures, which were recently agreed upon by the local government of Surabaya, Ministry of Finance, PDAM, and the World Bank. Final commitment papers were submitted to the World Bank for approval in September 2007, and are expected to be approved in early October 2007. Following this, the grant agreement will be signed and funding can flow. The total number of beneficiaries will be about 77,500 people (15,500 poor households) over a three-year period. In PDAM Surabaya, ESP is also working with local consulting firm MLD and the Dutch Bank SNS to prepare a scheme to finance energy efficiency equipment for PDAM Surabaya. The Dutch Bank SNS has agreed to provide a partial credit guarantee to Bank BRI that will provide the financing. Should this program be successful, ESP will replicate it in PDAM Kab. Gresik and Kab. Sidoarjo, which have requested similar assistance.
- **Turning on the Tap through Micro-Credit.** PDAM Surabaya, Bank Rakyat Indonesia (BRI) and Bank Jatim established a program to enable low income households apply for microcredit to pay for the costs of household connections to PDAM. To date, 483 new water connections at poor households have been installed through the micro credit program. PDAM Surabaya has identified 8,000 low income households in need of water connections. ESP also facilitated three other PDAM (Sidoarjo, Kota Malang and Kabupaten Malang) to partner with BRI on the microcredit program. To date, 1,426 low-income families in Sidoarjo, Kota Malang, and Surabaya have benefited from the bank's microcredit facility and were able to establish PDAM connections.
- **PDAM Kabupaten Sidoarjo:** ESP assisted PDAM Sidoarjo to explore the possibility of obtaining additional raw water from upstream sources in Kab. Malang. ESP conducted a study of the PDAM's water demand profile, alternative sources of water, required distribution network improvements and/or expansion. ESP's technical assistance emphasized technical aspects of sourcing water outside the kabupaten.
- **PDAM Kabupaten Gresik:** PDAM Gresik is developing an additional water treatment plant of 100 lps adjacent to existing plants in Legundi. Upon completion, the additional water would be delivered to existing and new customers in Kab. Gresik. ESP provided technical assistance to assess the existing capacity of its distribution network, identify new areas where the PDAM could expand its service, as well as what is required to expand the current distribution network to increase water supply to new areas. A financial assessment of the proposed investment program still needs to be conducted and will be used to prepare the Financial Recovery Action Plan for proposing debt restructuring to the Ministry of Finance.
- **PDAM Kota Malang:** A census program is ongoing in three kelurahan targeting approx 11,000 respondents. Initial results show high interest to connect to PDAM among residents not currently served, however, many of these areas are not in the vicinity of PDAM's water grid. During the census, information about diarrhea prevalence and handwashing with soap is disseminated.

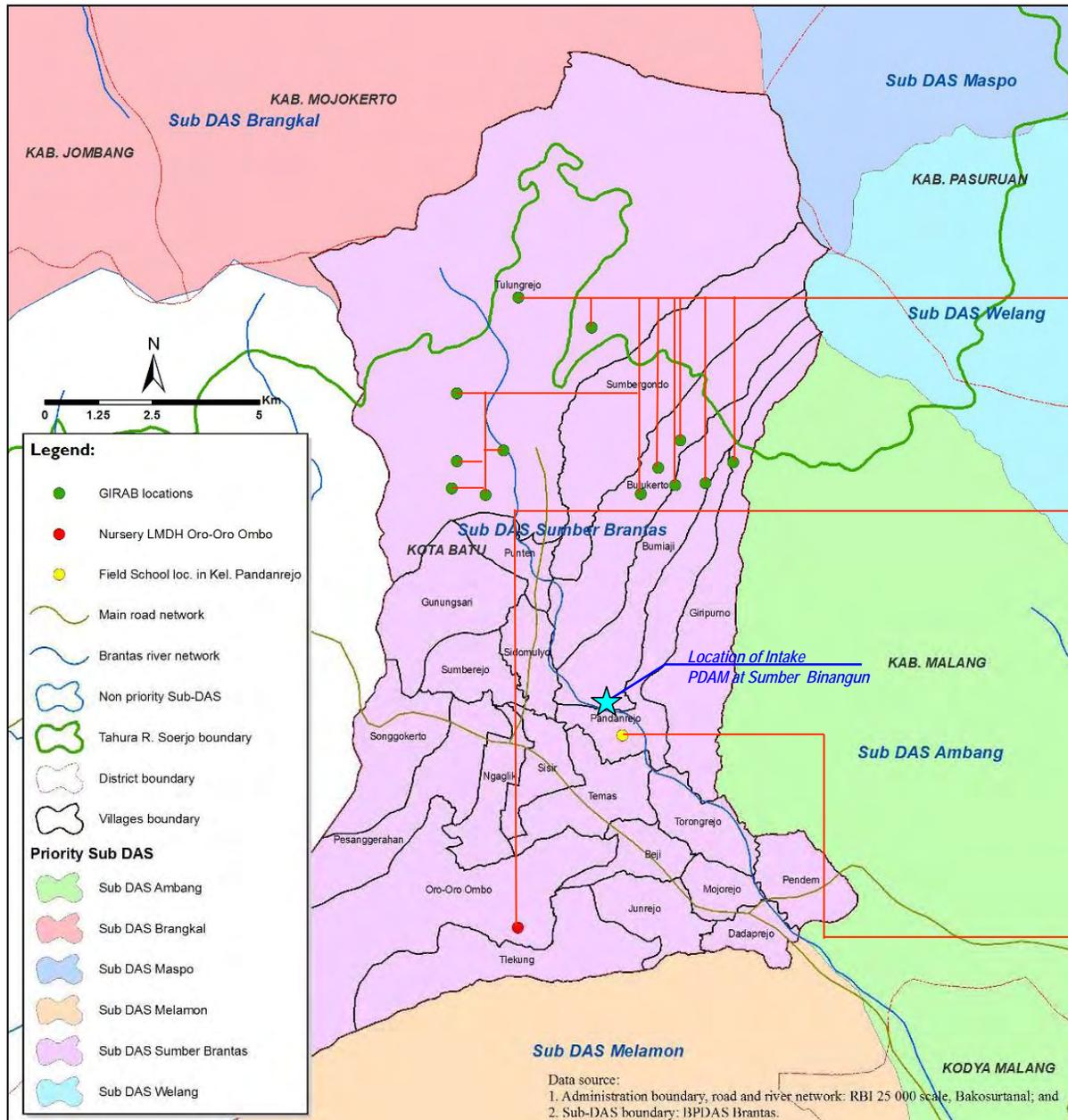
- **Community based water delivery system and PDAM Kab. Malang:** ESP provided training to PDAM Kab Malang staff on how to develop GIS system in Kepanjen as a pilot area. ESP also assisted four community-based water supply forums that benefit 680 households in rural areas. Training included technical, financial, and operational capacity building. Physical infrastructure for the water supply forum is being provided from the local government budget.

## SMALL GRANTS

- **Lembaga Masyarakat Desa Hutan (LMDH):** In Kota Batu, LMDH established a community-based nursery to improve the quality of seedling stock used for reforestation activities on the nearby Perhutani enclave. To date, this nursery has produced 211,000 trees seedling and 62,000 Multipurpose Tree Species seedlings, which have replanted 968 ha.
- **Yayasan Kaliandra Sejati:** Kaliandra received an ESP small grant to conduct the Pride Campaign in the Welang subwatershed. A series of campaign activities were conducted such as: how to prevent and overcome forest fires, conservation training for elementary school teachers surrounding the Grand Park Raden Soerjo, puppet shows for students with conservation messages, design and implementation of a 7 ha arboretum as an educational site. Kaliandra also encouraged farmers to practice organic farming to increase the economic value of their crops and reduce forest encroachment. In addition, villagers developed a collaborative management field guide and in collaboration with village singers, they composed conservation songs, and strengthened local community participation in protected area management.
- **Serikat Petani Gunung Biru (SPGB):** SPGB received a small grant to develop a model of applied community-based forest management in cooperation with Perhutani. The agroforestry model accommodates farmers' economic interests and Perhutani's interest in tree production.



## Map Annual Report 2007 East Java-2 Blue Thread Integrated Program in the Sumber Brantas Sub-watershed (Kota Batu)



### Kota Batu



GIRAB (*Gerakan Intensifikasi Rehabilitasi Alam Bumiaji*) is a cultural approach to re-greening deforested lands in Kota Batu. This year, more than 90,000 tree seedlings have been planted on 200 ha through 19 community tree planting sessions.

### Desa Oro-Oro Ombo



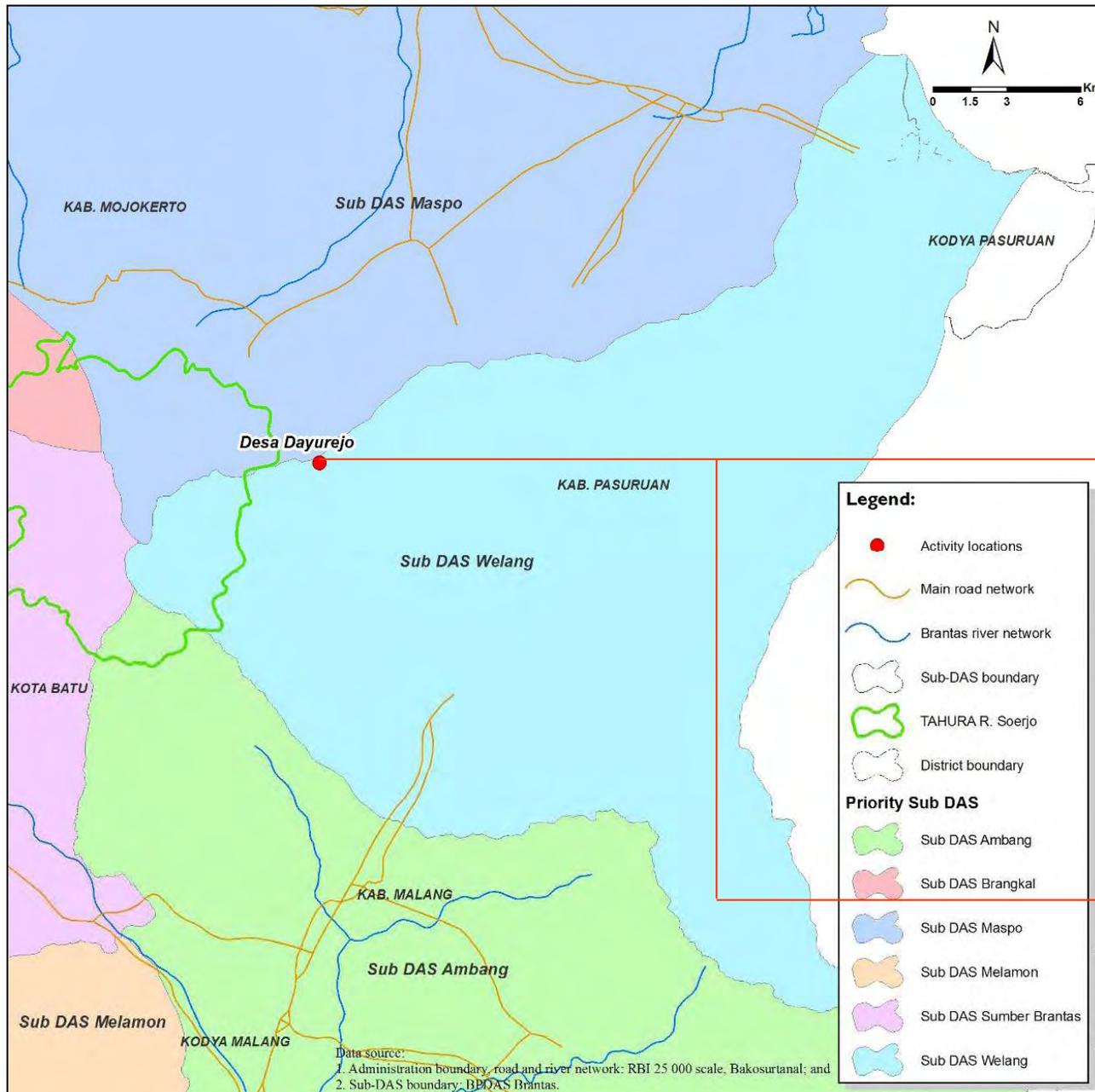
Pak Da'un, LMDH leader and ESP village facilitator, at the LMDH nursery which has produced 300,000 seedlings to be planted around Kota Batu.

### Kel. Pandanrejo



Pak Kadir developed and promoted an aerobic composter to manage the organic waste produced in his village. 750 people received training on community-based solid waste management.





**Pride campaign**

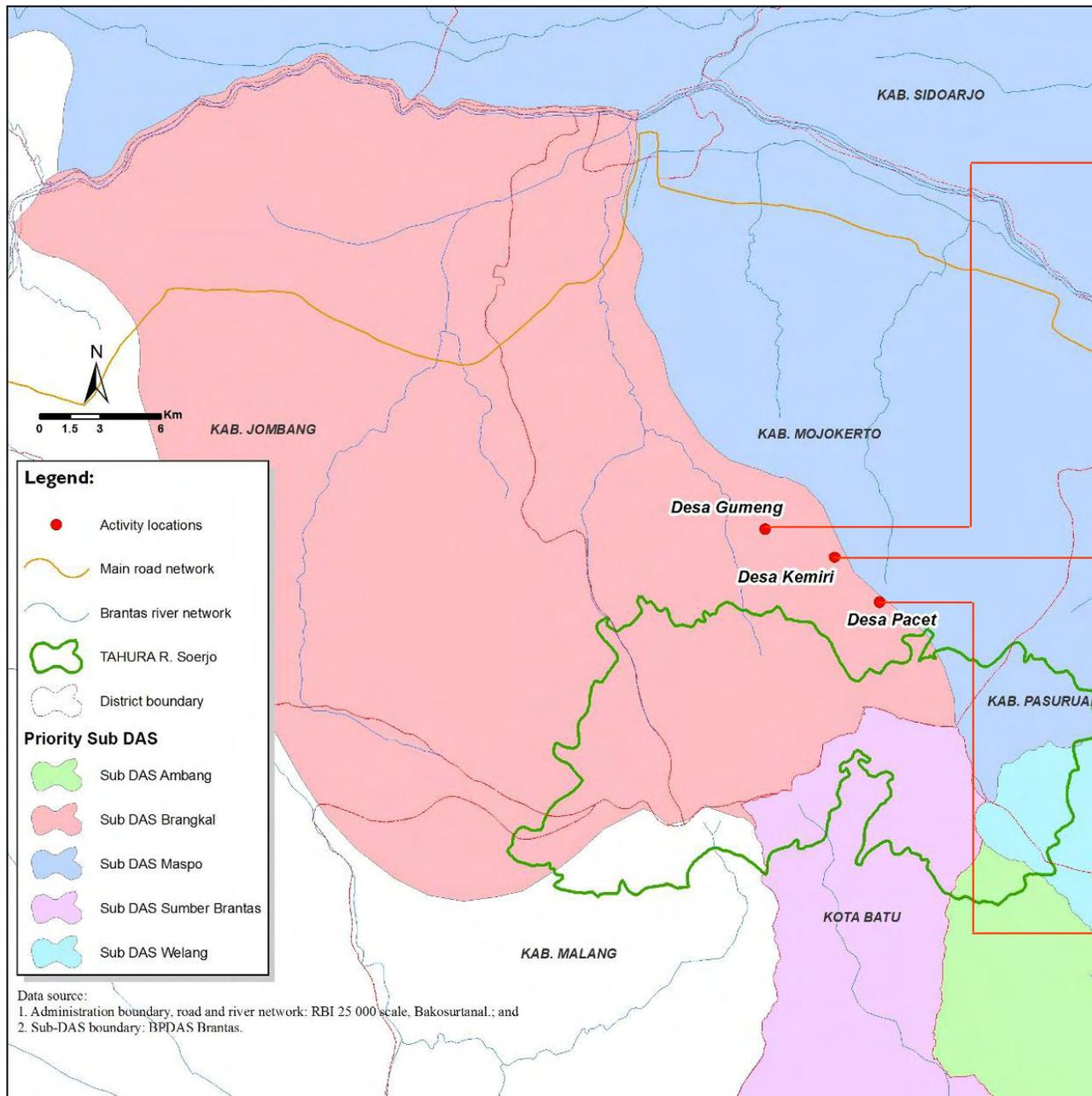


“Selamatan Bumi” (Earth Thanksgiving) was one of the Pride Campaign activities conducted by the local community in Desa Dayurejo, which borders the Grand Park R. Soerjo



Field Day activities of Dayurejo and Jatiarjo village were well attended by community members and local government officials.





Following a Field School, Desa Gumeng villagers have established a nursery that now contains 8000 tree seedlings ready to be planted in the village.



Soil ecology and soil conservation techniques are among the topics covered in the Field School. 25 community members were trained and now share this information with others in the village.



Field Day in Pacet Village was celebrated by community members, local government and NGOs.





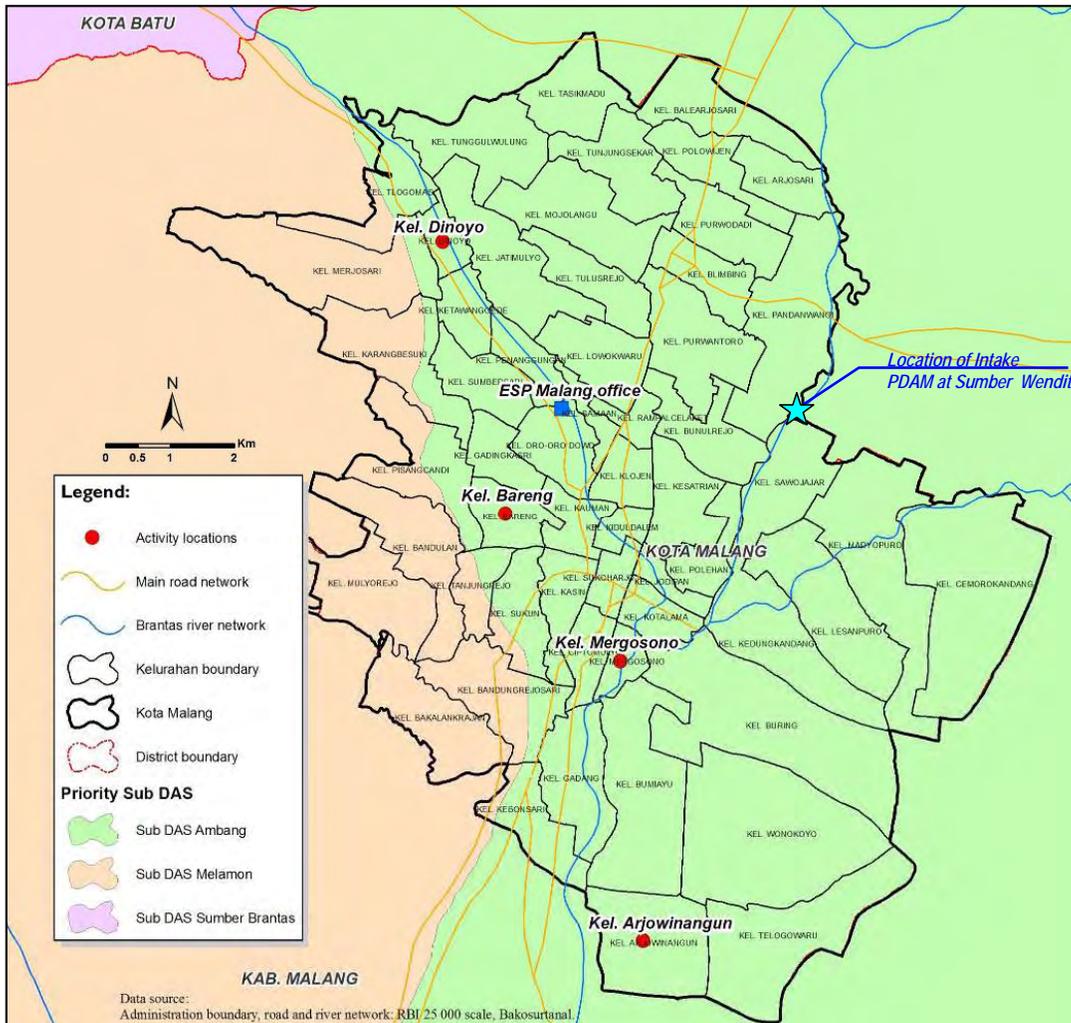
#### **Kota Malang**

Fifty students from Kota Malang elementary schools broke the record for most number of people washing hands with soap at one time, with 7389 participants. The National Department of Education in Malang, ESP East Java, Nuvo and the Local Government of Kota sponsored this event.



#### **Kel. Dinoyo**

Students from SDN Dinoyo I now regularly wash their hands with soaps before class. The school principal reports that before entering class, the students now collect garbage on campus and then wash their hands with soap.



#### **Kel. Barend**

Students of SDN II Barend watch a puppet show with handwashing with soap messages. Before the campaign, there were 99 reported school absences due to diarrhea; after the campaign, only 1 reported case. 650 students have been reached by ESP's handwashing with soap campaign in SDN II Barend.



#### **Kel. Mergosono**

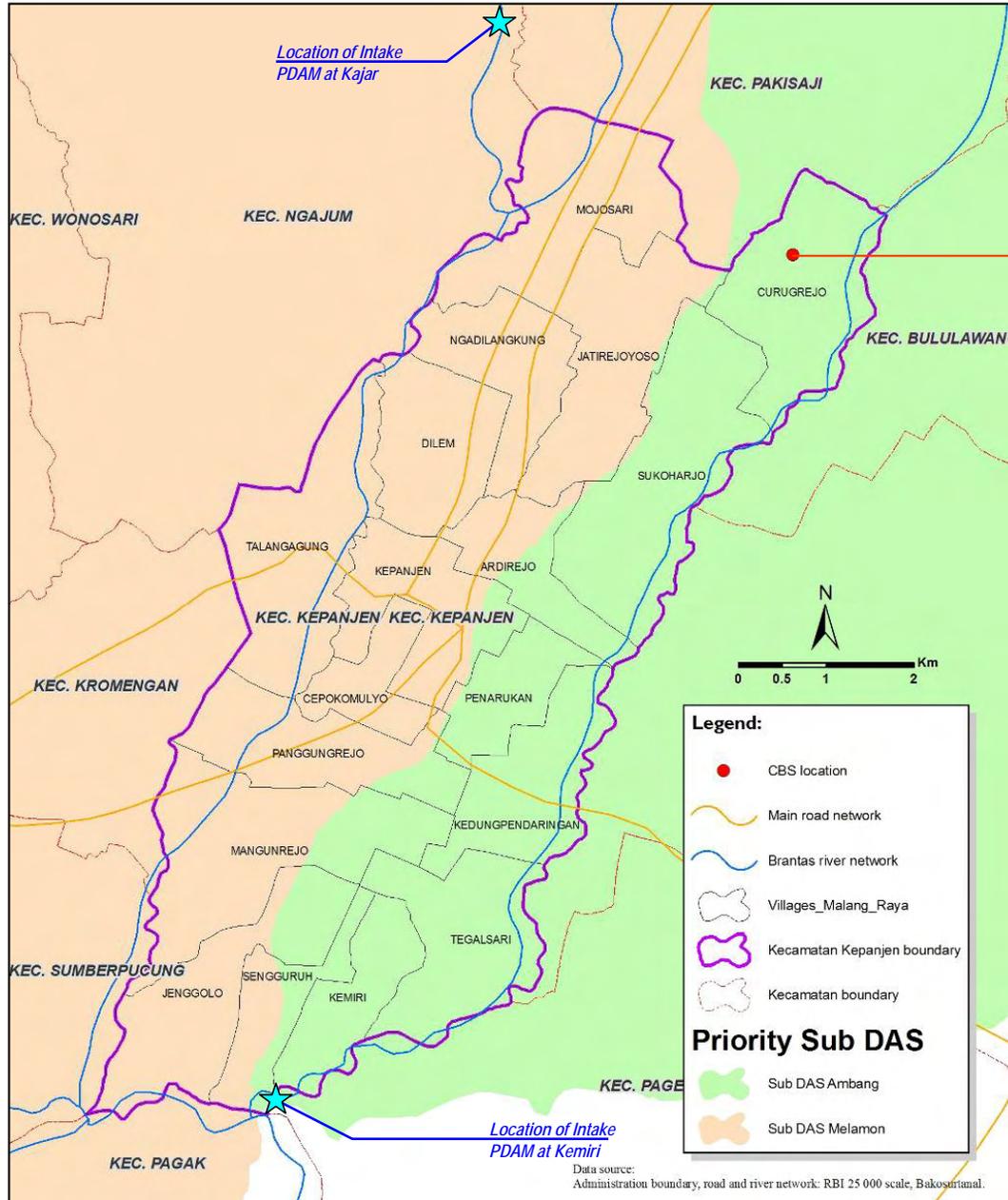
Residents of Kel. Mergosono present their clean neighborhood to the wife of the Mayor of Kota Malang. Sixty-seven households that live along the Brantas River in a densely populated peri-urban community now compost and recycle their garbage.



#### **Kel. Arjowinangun**

With ESP support, students from SDN Arjowinangun I learned how to wash their hands with soap. The community Posyandu also received ESP training, and recently won the designation of Best Posyandu in East Java.





### Kel. Curungrejo



Community members install a wastewater pipe network that will connect 103 households to the communal septic tank.



Field Day activities in Jatirejoyoso and Curungrejo villages attracted support from community members, local government, and NGOs.



Karang Taruna youth group members from Curungrejo collect and sell recycled materials in their village. 100 people participate in community composting and recycling.





Since March 2007, the community in RW XI Kapasari has been composting and recycling and has raised Rp. 1,000,000 from the sale of compost and recyclable materials. 70 households actively participate.



Since October 2005, ESP has conducted health and hygiene and solid waste campaigns and activities in RW VI Wonokromo. From 38 households in early 2006, now 360 households actively participate. To attract more communities to compost, one of the cadres makes an inexpensive simple composter (left photo) that she sells for only Rp. 15,000. Residents can pay for the composter and garbage bin (right photo) in installments, so that they won't have to throw their waste into the river.



### OBA PDAM Surabaya



Field observation to identify low-income households in Kelurahan Kalianak – Kecamatan Asemrowo, conducted by ESP, Eco Asia, and PDAM Kota Surabaya



Coordination meeting between ESP, Eco Asia, PDAM Kota Surabaya to prepare to receive an Output Based Aid (OBA) grant from the World Bank to provide PDAM water to the poor who cannot afford to pay for household connections, but who can pay the monthly fee. 77,500 people are expected to access water through the OBA over the next three years.





### PDAM Kab. Gresik

- ESP assessed the distribution network and needs for service expansion.
- Debt restructuring documents are also being prepared to be submitted to the Ministry of Finance.



### PDAM Kota Surabaya

- ESP helped the PDAM prepare for a World Bank Output-Based Aid (OBA) grant, which targets 15,500 poor households to receive access to PDAM water over the next 3 years. 10,000 households have been identified as initial recipients through a survey conducted by ESP and ECO-Asia.
- ESP facilitated an energy efficiency program to replace inefficient equipment



### PDAM Kab. Sidoarjo

- ESP assessed the technical needs to expand service coverage and obtain water from an alternate supply.
- ESP conducted GIS training to support NRW reduction program.



### PDAM Kota Malang

- Census of 11,000 customer and non-customer respondents in three kelurahan to assess PDAM's level of service and identify new areas for service expansion. Promoted handwashing with soap among census' respondents



### HIPPAM Kab. Malang

- Provided assistance to 4 communities to effectively operate small scale water delivery systems
- Community-based sanitation system completed that serves 120 households.



## SECTION 3

# ESP NATIONAL AND PROGRAM MANAGEMENT PROGRESS REPORTS

## INTRODUCTION

In this section, we present a more detailed account of activities and achievements of ESP national technical components and program management. This section is divided into the following sub-sections:

- Section 3.1. Watershed Management and Biodiversity Conservation
- Section 3.2. Environmental Services Delivery
- Section 3.3. Environmental Services Finance
- Section 3.4. Strategic Communications for Behavior Change
- Section 3.5. Program Management



## SECTION 3.1.

# WATERSHED MANAGEMENT AND BIODIVERSITY CONSERVATION

## INTRODUCTION

Through September 2007, ESP has developed a solid foundation of Watershed Management and Biodiversity Conservation areas in key sub-catchment areas in the five main High Priority Provinces, with an emphasis on sub-catchment areas in and adjacent to Protected Areas and/or forest of high biodiversity value. Working through rapidly-growing networks of community organizations, ESP staff have facilitated the development and implementation of a number of integrated watershed management action plans that are resulting in critical land rehabilitation, conservation of forests with high biodiversity value, community-based clean water and sanitation system development, and health and hygiene improvement to reduce prevalence of diarrhea through the incorporation of hand washing with soap in all of our community development activities.

As sub-catchment area community networks have matured, ESP has leveraged support for integrated watershed management action plans through the facilitation of field days. Field days provide a market place for linking up-stream community groups together with government agencies and other down-stream stakeholders to generate financial and in-kind support for action plans. This year, ESP has seen a significant increase in support for sub-catchment community action plans, from local government, PDAMs and companies including but not limited to Indonesia Power and Aqua Danone. Importantly, ESP is demonstrating the inter-dependence between up-stream and down-stream stakeholders, and facilitating mechanisms for down-stream stakeholders that reward and support up-stream water stewards.

This year, ESP has also contributed to a policy framework and enabling conditions to sustain critical land rehabilitation and biodiversity conservation in Indonesia's upper watersheds. Across Java, ESP has facilitated a number of Memorandums of Understandings (MOUs) between community organizations and state forest company, Perhutani, for community-based land rehabilitation of Protection Forest. This is being adapted to land rehabilitation initiatives in National Parks and Grand Forest Parks, as well, and is expected to be more broadly implemented in coming years.

ESP is also working with the Ministry of Forestry's PHKA on approaches to and policy support for the Conservation Village concept (*Desa Konservasi*), based on ESP's approach to community-based watershed management and being applied in National Parks across Indonesia. Further, in collaboration with the Environmental Services Finance group, ESP has developed a conceptual framework for payment for environmental services (PES), and has developed four PES models using water as the environmental resource. The potential for PES is expected to increase over the next year, as more and more PDAMs and other down-stream water users become increasingly aware of and concerned about sustaining stable supplies of good quality water. Finally, ESP is supporting national policy initiatives including the revision of Indonesia's conservation law (UU 5/1990) as well as Ministerial Decrees and Implementing Regulations revisions (PP 68/1998) for collaborative protected areas management and PES.

Significant achievements over the past year that contribute to a solid foundation from which ESP can now scale-up from include:

1. 36 Field Assistants are trained and in the field, facilitating field schools and field days across the HPPs. This year 60 field schools and 14 field days were facilitated across the HPPs. Field schools provide powerful tool for strategically mobilizing community groups in key sub-catchment areas for critical land rehabilitation and biodiversity conservation. Further, using water ecology as an entry point, ESP has provided field school community partners with support in solid waste management, clean water and sanitation services, and health and hygiene communications and awareness in order to make a clear link between upper-watershed land management and health improvement. Field days leverage technical, financial and in-kind support to sustain sub-catchment action plans.
2. Related to the first point, this year saw the successful integration of other ESP components into our Watershed Management work in order to help improve health, especially through reduced prevalence of diarrhea for children. Particularly through field schools and field days, ESP's WSM staff and field assistants actively coordinate with ESP Service Delivery staff for support in community-based clean water, sanitation and solid waste systems. Further, the WSM team has worked closely with the Strategic Communication team on the development of materials and training resources to support health and hygiene communications, particularly effective hand washing with soap practices, in all field activities. Finally, ESP's WSM team has worked with Aman Tirta to identify, train and supply a number of non-traditional retailers for Air Rahmat point-of-use water treatment product.
3. ESP field schools and field days are generating financial and in-kind support from government agencies, PDAMs and the private sector. Besides demonstrating the up-stream and down-stream inter-dependence for stable supplies of quality water, this provides a foundation for sustainability. Direct funding and in-kind support facilitates the successful implementation of sub-catchment community watershed action plans. This support provides an effective model that can be leveraged more systematically for more significant support in the future.
4. Over the past year, ESP has put increased focus in working in and around forest areas of high biodiversity value. ESP's Development Pathways site selection process emphasizes the importance of forest areas of high biodiversity value, thus steering ESP toward these areas as we start work in new locations. Conservation challenges and opportunities differ substantially between Java and Sumatra. On Java, ESP is working with partners in and around small and degraded protected areas to rehabilitate already-degraded land with native species. In northern Sumatra, particularly Aceh, ESP is supporting larger initiatives for local management of more sizeable existing and proposed protected areas. Key tools in this work include adapting the field school approach to Conservation Villages, bringing together park management and local communities; Pride conservation campaigns in five sites in three HPPs; and PES as a long-term financing tool as well as a mechanism to link up-stream and down-stream stakeholders.
5. Increased attention of Ministry of Forestry and others, including Indonesia Power, to adapt or replicate ESP's WSM work. This year ESP trained 165 park rangers from all of Indonesia's National Parks and regional Nature Conservation Offices in a six-day community facilitation program based on our field school model for a national-scale Conservation Village program. The Ministry of Forestry's PHKA has requested that this be scaled-up in the coming year. Further, the Ministry of Forestry has adapted ESP community-based land rehabilitation approaches in its participatory land and

forest rehabilitation program, RHLF. Finally, Indonesia Power has requested ESP to provide technical support for a field school training of trainers for more than 40 of its staff and community cadres so Indonesia Power can replicate ESP's Watershed Management approach in their sites in West and Central Java.

## PROGRESS TOWARD WSM TASKS AND PMP OUTCOMES:

This section highlights some of the qualitative aspects of ESP achievements toward WSM tasks and PMP Outcomes in 2007. It is presented per main WSM task in order to correspond with the Program Year 3 Work Plan. Relevant outcomes per task are also included. Quantitative progress towards PMP Outcomes is presented in tabular form in Chapter 4 of this report.

### **WS-I: Development of Watershed Management Plans**

This year, ESP made considerable progress facilitating the development, funding and implementation of watershed management plans. An adaptable approach to WSM planning was developed at the sub-catchment level. Starting with field schools, ESP facilitated the development of community action plans. Then through field days, community action plans were brought together into sub-catchment plans that were successfully leveraged to local government, PDAMs and other down-stream stakeholders for technical, in-kind and financial support. Importantly, ESP's use of the Development Pathways spatial planning process ensured sub-catchment area selection in areas that balanced critical land in need of rehabilitation, protected areas or forests of high biodiversity conservation value, and PDAM raw water resource supplies. Development Pathways was also applied as a decision-making tool in the selection of management actions by communities and sub-catchment networks.

While the total number of plans completed, funded and under implementation remains relatively low, the foundation of community groups necessary to prepare and implement these plans is quite high. This year alone, ESP facilitated the establishment of 152 new community groups. These groups, working at the community and sub-catchment levels, will likely achieve or surpass program targets for prepared, implemented and funded management plans over the next year. Most important, building the capacity of this planning and management process at the community level, including the ability to access government and private sector funding and support, is a key strategy toward long-term sustainability of ESP goals and objectives.

There are two Outcomes related to this task:

*Outcome 1.e: At least 34 Natural Resources Management and Biodiversity Conservation management plans will be developed and have funds for implementation.*

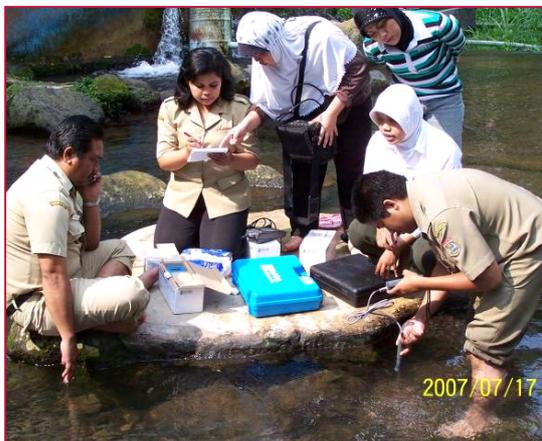
This year, ESP partners completed and achieved funding for 13 Natural Resource Management and Biodiversity Conservation management plans. Cumulative achievement through Program Year 3 is 13, or 38.24% of the Outcome's target.

*Outcome 1.f: At least 250 community groups will support and implement activities to improve natural resources management and biodiversity conservation.*

In 2007, ESP worked with 152 community groups on upper-watershed activities that improve natural resources management and biodiversity conservation. Cumulative achievement through Program Year 3 is 278, or 111.2% of the Outcome's target.

## WS-2: Land and Forest Rehabilitation

This year ESP continued to make substantial progress in meeting and even surpassing program targets for critical land rehabilitation. With the planting of 13,092.15 hectares this year, ESP has exceeded land rehabilitation targets by more than 2%. ESP focused on four main priorities in rehabilitation work this year. First, ESP focused rehabilitation efforts in



ESP JAKARTA

**ESP provides training to local communities as well as local government and PDAM representatives in order to better understand the impact land rehabilitation activities on water flow and water quality.**

areas in or directly adjacent to Protected Areas that have clear roles in protecting raw water resource supplies for PDAMs and/or urban areas with large populations. Our intention is not to create more water, but to use effective land rehabilitation as a tool to stabilize water flow and improve water quality particularly through reduced sedimentation in the rainy season. PDAM partners have raised this as one of their greatest concerns regarding their raw water supplies. Second, ESP focused on rehabilitating the most important areas including riparian habitat and steep slopes. Third, ESP started a water quality monitoring program to monitor the impact of water quality in water supplies down-stream of ESP work sites. Fourth, ESP worked to leverage ESP's approaches to community-based land rehabilitation to the Ministry of Forestry and other partners.

ESP is particularly pleased with the progress made in leveraging support for community-based land rehabilitation efforts. The Ministry of Forestry has adapted ESP approaches in its national participatory forest and land rehabilitation initiative, or RHLP. The Minister of Forestry chose an ESP site in Cianjur to launch this important program. Additionally, Cianjur district forestry extension agent and ESP partner, Achmad Abdul Hakim, better known and Pak Uyud, was recognized by the President of Indonesia on Indonesia's Independence Day for his excellence in forest extension and community-based land rehabilitation. This has brought positive attention to ESP's community-based approaches at the district, provincial and national levels.



ESP WEST JAVA

**Pak Uyud won the Wana Lestari award for his excellence in forest extension. His success is based on ESP's field school approach to community mobilization.**

*Outcome 1.b: Improvement of watershed function in areas supplying water to urban centers and PDAMs as measured by a 50% increase in rehabilitated land (total area of degraded land where trees, commercial and non-commercial, are planted).*

In 2007, ESP facilitated the rehabilitation of 13,092.15 hectares of degraded land, focusing primarily on rehabilitation of Protection Forest and Protected Areas with native species, as

well as riparian habitat. Cumulative achievement through Program Year 3 is 36,100.7, or 102.21% of the Outcome's target.

### WS-3: Forest and Protected Areas Conservation Management

This year, ESP focused local conservation management initiatives in and around National Parks and Grand Forest Parks in HPPs. In Aceh, ESP also focused on developing a community-based management approach for the proposed Ulu Masen Protected Area. Importantly, ESP's community conservation approach is being adapted by Ministry of Forestry's PHKA. ESP provided training for 165 park rangers from all of Indonesia's National Parks and regional Nature Conservation Offices in a six-day community facilitation program based on our field school model for a national-scale Conservation Village program. This is expected to be expanded in the coming year.



ESP

The Conservation Village approach applies ESP's field school model for water ecology-based integrated community conservation and development initiatives. ESP has provided field school facilitation training for staff from all of Indonesia's National Parks.

ESP is also working closely with the Ministry of Forestry, PDAMs, community groups and others on development of a range of PES models using water as the key environmental service to link up-stream and down-stream stakeholders in the financing and management of upper-watershed water resource conservation. Models have been established and are under implementation in Gunung Gede Pangrango National Parks, and there is a surge of interest in expanding these opportunities. Key to this is policy support to guide and regulate this process, and ESP has been actively involved in this policy development.

This year, ESP is also facilitating the implementation of five Pride conservation campaigns in communities adjacent to Protected Areas in Aceh, Central Java and East Java. ESP intends the Pride conservation campaign approach to be a model that can be replicated in and around other protected areas across Indonesia. ESP has supported the first five Pride campaigns, and a second round of seven campaigns implemented and funded by other sources is scheduled to commence in the coming months.

Finally, ESP made significant progress in establishing a community-based approach to conservation management in Aceh. This is expected to provide a foundation from which to develop the 1,000,000 hectare Ulu Masen forest complex into an officially recognized, locally managed protected area.



RARE

Pride campaigns build local pride in and commitment to conservation of protected areas.

ESP currently works in ten Protected Areas and forest areas of high biodiversity value. The table below lists these areas by province.

Province	Protected Areas
Aceh	1. Pocut Meurah Intan Grand Forest Park (part of Ulu Masen) 2. Alur Mancang Spring Protection Forest (part of Ulu Masen) 3. Krueng Terbang Spring Protection Forest (part of Ulu Masen)
North Sumatra	4. Bukit Barisan Grand Forest Park 5. Langkat Timur Laut Wildlife Sanctuary
West Sumatra	6. Bung Hatta Grand Forest Park
West Java	7. Gede Pangrango National Park
Central Java	8. Merapi National Park 9. Potorono Community Forest
East Java	10. Raden Soeryo Grand Forest Park

*Outcome 1.c: Areas of forests with high biodiversity conservation value under improved, local management increases by 50%.*

Cumulatively, the improved local management of forests with high biodiversity conservation value in ESP HPPs is 64,261.5 hectares or 77.75% of the target.

#### **WS-4: Watershed Management Policy Support**

ESP made considerable progress facilitating the development of policies that recognize tenure and/or access rights for communities to better manage their forests and watersheds. In fact, this year's 26 new policies surpass program outcome targets five-fold. Importantly, ESP has developed a broad range of innovative approaches to policy support for community-based forest management and conservation.

Across Java, ESP has worked with state forest company, Perhutani, and community groups through the LMDH system to negotiate community access rights in exchange for land rehabilitation activities that ensure improved forest function of protection forest. Currently being approached on a case-by-case basis, ESP plans on scaling this up in the coming years of the program. Additionally on Java, ESP has facilitated agreements for responsible community access rights and land rehabilitation between community groups and large land owners. These agreements are important models for facilitating land rehabilitation on the rapidly-expanding critical lands owned by absentee landlords particularly in the upper Citarum Watershed in West Java (especially in and around Cianjur and Bandung) and the Brantas Watershed in East Java (especially around Malang and Batu).

ESP has also facilitated a number of agreements between local communities and Protected Areas, especially National Parks and Grand Forest Parks. These agreements serve as models for the Conservation Village concept and also strengthen PES contracts. Importantly, the formalization of these agreements has been a critical stimulation for the rehabilitation of hundreds of hectares of degraded land in Gunung Gede Pangrango National Park. Finally, ESP has facilitated the establishment of numerous district and village decrees that balance responsible community access rights with forest management based on achieving and maintaining health forest functions.

*Outcome 1.a: The formation of 5 adequate policies 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.*

This year, ESP facilitated the development of 26 policies or MOUs contributing to this outcome. Cumulative achievement through Program Year 3 is 26 policies and MOUs, or 520% of the Outcome's target.

#### **WS-5: Aceh WSM and Community-Based Coastal Rehabilitation**

This is reported in the Aceh section of the Annual Report. For the sake of reporting consistency, Outcomes toward this task are provided in this national section of the Annual report, below.

*Outcome 1.d: In Aceh, improvement in watershed functions with additional focus on the coastal margin directly impacted by the tsunami, as measured by implementation of 15 targeted community-based land rehabilitation activities, benefiting at least 6,000 people.*

This year, ESP implemented 8 community-based land rehabilitation activities, benefiting 20,340 people. Cumulative achievement through Program Year 3 is 23,180 people, or 398.28% of the Outcome's target.

#### **PM3: Program Communication**

ESP's Watershed Management Team provided regular updates, success stories, presentations and other media as contributions to relevant Multi Media Campaigns as well as ESP Program Communications. ESP also facilitated numerous events with national, provincial, district and community partners that generated extensive and positive coverage in Indonesian media.

#### **National Integrated Initiatives**

ESP's Watershed Management Team contributed significantly to national integrated initiatives. Field schools incorporated Health and Hygiene communications materials and training approaches, and also tapped-in to Service Delivery support for community-based clean water, sanitation and solid waste management systems. The WSM Team provided inputs into PPP leveraging materials, and successfully leveraged Indonesia Power to adopt a Field School Training of Trainers. As mentioned above, the WSM Team worked with the Environmental Services Team to develop PES models. Finally, the WSM Team worked with Aman Tirta to identify non-traditional retailers (NTRs) for Air Rahmat in ESP's upper-watershed sites.

## SECTION 3.2.

# ENVIRONMENTAL SERVICES DELIVERY

## INTRODUCTION

Program Year (PY) 3 has been a very successful year for the Service Delivery (SD) team in all main activities: improving water supply services (both PDAM and community based); promotion of waste water programs (both citywide and community based); and increasing (community based) solid waste programs in all High Priority Provinces (HPPs). SD regional teams, supported by national experts, have been working closely with 25 PDAMs, with over 50% in combination with the Finance Team. For the sanitation program, subcontracts with BORDA moved to detailed sanitation mapping and installation of community based sanitation (CBS) systems in 4 cities. Additionally, significant progress was made on the support for citywide sanitation strategies for 4 cities, two of which were developed in close collaboration with ADB programs. 39 Community Based solid Waste Management systems have started (15 completed and 24 ongoing) in close collaboration with ESP Strategic Communications group as well as other donor agencies. Collaboration with other donor-funded projects and agencies also intensified, especially with ECO-Asia, World-bank, ADB, JBIC, IDRC and the Dutch Government.

Specific highlights from PY 3 include the following:

- ESP's program to increase water access for poor communities gained momentum this year, through the completion of the two pilots with PDAM Tirtanadi in Medan and the start of a public tap improvement program in Bandung (with ECO-Asia), a large Output-Based Aid (OBA) program with PDAM Surabaya, World-bank and ECO-Asia, pro-poor survey's in Solo and Yogyakarta, and the preparation of pro-poor systems in Jakarta, with Palyja and Mercy Corps. A new, large, pro-poor water supply program in Medan is currently under discussion.
- In close collaboration with the Environmental Services Finance Team, the SD team supported improvements in technical, operational and financial performance of 25 PDAMs. This was done through on-the-job technical and financial training, introduction of drinking water zones, energy efficiency financing, corporate planning, tariff reviews, pilots on non-revenue water reduction, customer satisfaction surveys, and water quality management programs. Average improvement along the PDAM Performance Index is now 30% since the start of ESP program.
- Based on recommendations by ESP-supported feasibility studies, three cities allocated Rp 7 billion (US\$ 750,000) from their annual budgets to improve operations of their PDAM.
- 12 communities in ESP watersheds were provided technical support in the development of community clean water systems.
- 2 Community-Based Sanitation (CBS) systems are completed (cumulative 4), 22 are currently under development to be completed in PY 4 and another 10 systems are planned to be implemented in PY 4. Through use of different designs, ESP is providing a menu of options for small scale sanitation systems as a contribution to the development of a broader national policy on sanitation.
- Five cities have been very active in developing their city-wide sanitation strategy, including two in close collaboration with the ADB. In Medan, ESP is currently facilitating between Medan sanitation working group and the Ministry of Public Works to provide grant financing to expand Medan's sewerage system.

- Community Based Solid Waste Management programs are ongoing in 39 locations across all ESP HPPs. These systems are excellent examples of the integration of software and hardware components of community based programs, and are now ready for scaling-up and replication.
- ESP participated in Indowater 2007, through a joined exhibition booth with ECO-Asia and Aman Tirta, and by organizing a US-day, showcasing ESP experiences in alternative financing, water for the poor, sanitation options and Aman Tirta. Responses from both media and national government were very positive and this momentum will now be used to scale-up our key programs in the field of water supply and sanitation.

### SD-1 and SD-2: WATER SUPPLY

The major activities regarding improved water supply during PY 3 are as follows:

**Increase Water Supply access for Poor households.** During PY 3, this crucial ESP program has gained a lot of momentum with specific pro-poor activities currently on-going with water utilities in six cities and covering a potential 19,500 poor families. The SD team, in close collaboration with ECO-Asia, has developed the concept of a shared, master-meter connected to PDAM and servicing group of poor, often illegal households. This program has been introduced successfully in the following target locations:

- In Medan, ESP completed the connection of two urban poor communities (total 210 households) with direct access to PDAM water, through a shared master meter system operated by Community Based Organization (CBO). These successful projects are now being used as demonstration programs, not only for replicate in Medan (ESP is now discussing with PDAM Medan for two new areas with potential 3,500 poor households), but also for other ESP locations (through cross-visit by PDAMs Surabaya and Bandung) and donors (visits by World Bank and Oxfam).
- ESP initiated the collaboration between PDAM Surabaya and the World-Bank to increase individual house connections to urban poor, through the Output Based Aid facility, managed by the World Bank. ESP facilitated all discussions, assisted in resolving technical, institutional and financing issues; conducted limited survey's and arranged collaboration with ECO-Asia for a large poverty-mapping exercise covering 10,000 potential poor households. All procedures and units costs have been agreed upon by PDAM and WB to connect 15,500 poor households to PDAM supply. Contract expected to be signed around middle October'07.
- ESP facilitated collaboration between ECO-Asia and PDAM Kota Bandung to complete a survey of 300+ public taps, resulting in selection of, initially, one public tap (30 households) to received improved service by PDAM (through shared, master meter system with CBO to operate and maintain the system. If pilot is successful PDAM Kota Bandung promised to replicate system to other areas.
- ESP also initiated three Public taps surveys in Yogyakarta, Magelang and Surakarta covering a total of 450 public taps. Results will be ready late September and follow-up programs are planned in next work plan. PDAM Surabaya will also conduct a large Public tap survey, using their own budget, and following our example with PDAM Bandung.



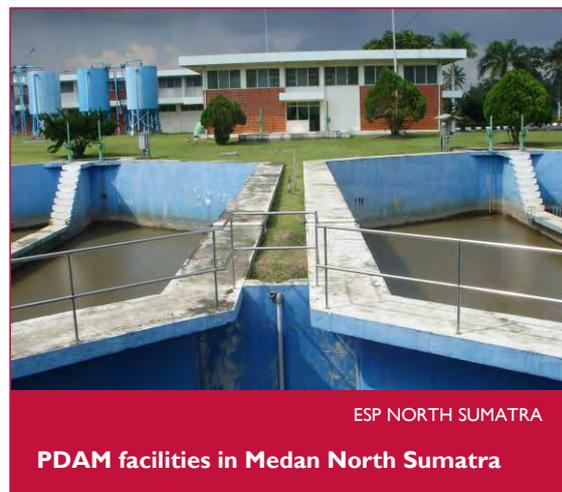
ESP NORTH SUMATRA

**Access to water for the poor community in Medan North Sumatra.**

- For Jakarta, ESP has discussed with Mercy Corps (USAID FSN partner) and Palyja (private water utility operator covering Central- and West-Jakarta) to install similar systems; all parties fully support the concept and ESP will provide direct support (through a small grant) for Jembatan Besi and provide Technical Assistance to a joined program with Mercy Corps (funded by IDRC) for system(s) in Penjarangan. It is expected that ca. 10 small systems can be developed, covering ca.150 poor households. These will be completed in the next year and will be excellent showcase sites to influence National Government policies on increasing access to piped water for poor households.

**PDAM Performance Improvement.** The SD team, in close collaboration with the Environmental Services Finance Team, has been working very close with 25 PDAMs this year to support priority PDAM performance improvement programs, selected based on PDAM priorities within ESP possibility to support. Examples of activities during PY 3are:

- **Standard Operating Procedures:** ESP national and regional specialists supported PDAMs in 9 locations with development of Standard Operating Procedures (SOP) in different fields: selection PDAM employees, customer relation, laboratory procedures, production/ distribution network operation, accounting and billing. This program is very successful and immediately improves staff and management performance, because of a better understanding of their roles and responsibilities as well as develops clear reporting and action procedures, which will reduce breakdowns and improve system efficiency, which is crucial for a reliable service. ESP follows participatory approach to SOP development, with PDAM staff fully involved by writing own job-description and then present, discuss and finalize in feedback workshops, etc. This approach can now be replicated within each PDAM (other departments) and to other PDAMs (similar topics).



- **Training:** ESP specialist conducted intensive on-the-job training of PDAM staff in all high Priority Provinces on issues like WQ management, basic accounting & billing systems, basic technical designs & hydraulic modeling, operation and maintenance of distribution networks, customer relations and introduction of GIS systems. PDAM managers from East-Java received ESP co-financing to join in senior-management training program organized by PERPAMSI.
- **Non Revenue Water and Household Census:** The successful Non-Revenue Water program, combined with the household census activities from the previous year were continued in Kota Bandung and PDAM Sukabumi and expanded to new 6 locations in Yogyakarta, Surakarta, Kabupaten Magelang , Kota Bogor, Kota Banda Aceh and Kab. Aceh Barat. All programs (except the Aceh based) received a cost-sharing of, at least, 50% by the participating PDAMs ; PDAMs have already taken positive action in identifying and repairing leaks, closing illegal connections, replacing broken water meters and connecting new customers. The household census data completed with PDAM Aceh Barat (5,500 households) is currently being used as basis for repairing 4,000 existing connections as well as providing 1,500 new connections, financed by international donors.

- **Corporate Planning and Customer Satisfaction Surveys.** The ESP concept of Corporate Plan (CP) development is that the CP development process is as important (if not more important) as the final result. Only by full involvement of PDAM staff in the preparation of the CP and public consultation, will it be used, and regularly updated, by PDAM management. Besides ESP also facilitated with the public consultations and exposure to Local Government. For PDAM Karo and Langkat this resulted in a support by local and National government budgets \$300,000 to improve and expand the PDAM system and a further promise by the mayor of Langkat for another \$ 750,000 from next years budget. Because of this strong local support, ESP is also supporting PDAM Langkat to leverage additional financial support from National Government, using the new PDAM Corporate Plan as the main guidance. The CP by PDAM Banda Aceh (with ESP support) will be used as one of the guiding documents in the ongoing discussion on close collaboration (possibly merging) of PDAM Banda Aceh and PDAM Aceh Besar.
- **Technical Studies.** SD team conducted Technical studies in 2 PDAMs (Sidoarjo and Kota Bandung) to determine necessary network system improvement (as input to the FN Outcome on Alternative Financing Plans) and Preliminary Design studies for 2 PDAM, which leveraged \$ 400,000 from 2 local governments.
- **PDAM Energy Efficiency Audits.** The PDAM Energy Efficiency audits, completed towards the end of previous work plan, were successfully socialized with four PDAMs (Kota Bandung, KAb. Bogor, Surabaya and Gresik). Audit from PDAM Surabaya was then used as basis for a proposal (with DHV, Dutch consulting company) to provide energy efficient equipment through an innovative financing system. The proposal was accepted in end of June 2007 and preparations are currently ongoing for contract signing, local tendering and establishing legal and financing procedures. A Dutch bank (SNS\_REAAL) is participating in this program by providing a partial (50%) bank guarantee to BRI Surabaya, which already agreed to finance the equipment (around \$250,000). This partial bank guarantee can be extended to \$ 2,500,000, which means that when this pilot with PDAM Surabaya is successful, other PDAMs can also benefit for this alternative financing scheme. ESP already received commitment letters from three other PDAMs.
- **Raw Water Quality monitoring.** ESP supported the introduction and implementation of Raw Water Quality monitoring program for PDAMs in Aceh and Bogor, West Java. This will be expanded to other PDAMs in the PY 4 Work Plan.



ESP NORTH SUMATRA

PDAM facilities in Medan North Sumatra

**Community Based systems :** During this year, the Regional SD teams, started also to support development of Community Based systems in Each High Priority Province, always with local communities living within ESP sub-DAS and in close collaboration with the Watershed Management teams. SD team provided technical assistance, training, technical designs, and established Community Based Organizations; depending on the Province these are called HIPPAM, PAMSIMAS or OPAM. The construction cost, was either funded by local government, donor agencies (in Aceh) or through ESP small grant system. ESP teams have now a flexible (technical and training) menu to facilitate and replicate more Community Based Systems, both with local government or other donor agencies.

There are two outcomes related to the above tasks:

*SD Outcome #2.a. – At least 33 PDAMs demonstrates 20% progress on a PDAM performance monitoring index that reflects technical, financial and managerial performance*

This year, ESP supported 25 PDAMs with variety of performance improvement measures (cumulative through this year 29 PDAMs) and reached 42% increase of the PDAM Performance Index

*SD Outcome #2.b. – 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*

In 2007, Population in ESP target area's with access to clean water increased by 3.2% (249.660 people), with cumulative increase trough PY 3 of 10% (595.715 people). For Aceh alone the increase in 2007 has been 15% (cumulative from 2005 the increase is 77%)

### **SD-3 AND SD-5: SANITATION**

The Sanitation component of the SD program received a lot of attention this past year, partly because of growing interest of participating local government, but also through linking up with other donor agencies (especially ADB and ECO-Asia) and the national government (providing best practice for Indowater 2007 as well as the National Sanitation Summit). Main achievements during PY 3 under Task SD-4 can be summarized as follows:

**Citywide Sanitation Strategies (CSS).** ESP continued working in our original four target locations of Medan, Kab Malang, Padang and Surabaya to support development of comprehensive CSS and action plans. This year Kota Yogyakarta was added to this list in order to reach the target of 5 locations. The following is a list of highlights:

- In all locations local working groups (POKJA) have been established, and are developing their CSS with ESP facilitation. CSS are based on agreed priority areas, identified by sanitation mapping programs (supported by ESP in Padang, Medan, Surabaya and Malang) and Real-Demand surveys (supported by ADB for Medan and Yogyakarta).
- CSS development also included a series of workshops for local stakeholders and national government representatives to build consensus and buy-in.
- Draft CSS are ready for Medan and Yogyakarta, and between 50- 90% complete for the other three locations. In PY 4, all locations will be completed, with action plans for the coming 5 years.
- As support to the quickly growing momentum in Medan to improve and increase access to sanitation services, ECO-Asia has agreed to pilot their “social marketing for sanitation” concept, based on their Philippine experience. In addition to this crucial software support, ESP also facilitating between Medan Pokja Sanitation and the Ministry of Public Works to provide grant financing for the expansion of sewerage networks operated by PDAM Medan. The CSS and action plan will be used as the basis for a five year investment plan.

**Community Based Sanitation (CBS) Systems.** In addition to the already completed CBS systems in the previous year and the CBS systems included in the subcontract with BORDA, the SD regional team continued to leverage substantial resources from local governments, PDAMs, and other donors in all HPPs to construct additional CBS systems. This exceeds program targets. Please see following summary for the main successes:

- From the ten systems planned in the BORDA sub-contract (with 50% cost sharing by Local Governments) seven are currently under construction. All are scheduled to be completed before the end of December 2007. An additional two units are planned to start in October 2007 in Surabaya.
- In Aceh three CBS systems are already completed, using a combination of ESP and donor funding. Two more systems have been developed with international donors involved in house building (Medair and CARITAS) and are currently under construction.
- In Jakarta ESP facilitated installation of a large MCK system in collaboration with Mercy Corps (USAID FSN partner) at the BHS showcase site in Petojo Utara. ESP provided the software support and Mercy Corps covered all construction cost. Mercy Corps has already promised to ESP to fund an additional two systems for the PY 4 Work Plan.
- The CBS system (wetland type) in East-Java which connects households, and chicken-slaughter home-industries has been completed and is now used as showcase to leverage funding from Local governments for replication in other area's.
- SD team from West-Java leveraged funding from PDAM Kota Bandung to built two proper CBS systems along Cikapundung River, which is part of ESP/Sub-DAS, as demonstration to Local Government and communities how waste water from toilets could be cleaned locally in stead of directly discharging in the river. They are currently under construction and will be completed before end of December 2007.
- **Support National Sanitation policy development.** The ESP approach towards improving access to sanitation is very similar to the one adopted by National government and the regular exchange of ESP experience with government and/or other donor agencies (ISSDP, ADB, Dutch Government) to promote ESP sanitation strategies have been very easy in the past year. ESP is working close with the ADB in two of ESP target locations (Medan and Yogyakarta) and introduced the ECO-Asia concept of "social marketing for sanitation" during the Indowater 2007 conference to Indonesia, which was highly appreciated by National stakeholders. ESP is also developing a range of technical options and best practices for designing and installing different CBS systems, as a support to the upcoming national sanitation summit (end of October 2007).
- Development of sanitation promotion and training materials. SD team has supported the other ESP teams (especially communication and health & hygiene) to develop a menu of options to improve sanitation services to local communities and/or schools. These options have been used in school rehabilitation program, funded with US Department of Defence in Central Java, upcoming PPP programs in East-java and in our collaboration with other donor agencies in DKI/Jakarta, especially Hellen Keller international. It is expected that the design and training material will be used to rehabilitate and expand sanitation systems for at least 10 primary schools.



There are two outcomes related to the above tasks:

*SD Outcome #2.c. – At least 5 district/municipal sanitation strategies with action plans including but not limited to centralized systems are developed in conjunction with local governments as catalyst for funding*

In 2007, ESP is working in 5 locations for completion of Sanitation Strategies and Action Plans, to be completed by 2008.

*SD Outcome #2.e. – At least 25 community-based small scale sanitation plans (CBS) 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.*

During 2007, ESP has completed 2 CBS systems (cumulative 4), including 1 in Aceh; 20 CBS systems are under construction, including 4 for Aceh; all will be completed in 2008.

#### **SD-4: SOLID WASTE MANAGEMENT**

The Community Based Solid Waste Management (CBSWM) program was originally envisaged as the smallest part of the SD program, with the not-too ambitious target of 15 completed systems. However because this program lends itself so well for integration with all other ESP components (especially the Health & Hygiene campaigns and ESP WSM field schools in upper watersheds) ESP is currently working in 39 locations, both downstream in dense urban communities, and upstream in critical catchment areas. The CBSWM program combines the separation of household waste, with composting of the organic waste and recycling of an-organic waste. Depending on the community preferences, ESP introduced either a simple, but effective, household composting system, based on Takakura model or a communal composting system, which varies depending on availability of land.

ESP is also actively participating with Mercy Corps in the implementation of an innovative environmental program, funded by IDRC, in a dense slum area in North Jakarta, which aims to combine direct and indirect economic benefits as catalyst for sustainability. Within this HP3 (Healthy Places, Prosperous People) program a large CBSWM system is currently under development combining household and communal composting, which will also capture the organic waste from local shops and *warungs*, who normally do not have enough time/interest to do their own composting. This program also includes a sanitation component (sludge collection and drying) and supports increased access to water supply for poor families (adopting the master meters approach developed by ESP). The SD CBSWM specialist seconded to this program is responsible for exchanging experience gained from this program to the other ESP regions and vice-versa and is currently working on an 'ESP library' of best practices in CBSWM to be presented during the National Sanitation Summit (end of October 2007).

*SD Outcome #2.d. – At least 15 community-based solid waste management (CBSWM) 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.*

During this year, ESP has completed 13 CBSWM systems (cumulative 15 benefitting 3,975 people); 24 CBSWM systems are currently under development, including in Aceh.

### SECTION 3.3.

## ENVIRONMENTAL SERVICES FINANCE

### INTRODUCTION

During ESP's Program Year 3 (2006 – 2007), the Environmental Services Finance (FN) team continued to make progress on all aspects of the ESF portfolio, including improving PDAM financial management, strengthening the national policy environment for sub-national borrowing, increasing access to alternative financing mechanisms for water utilities, creating financing mechanisms for low-income household to connect to piped water, and the introduction of Payment for Environmental Services (PES) arrangements in priority watersheds. While detailed descriptions of this work are presented in the regional updates, the following section provides a summary of ESP's accomplishments in the environmental finance component in Program Year 3.

Before considering the progress under each activity, it is important to highlight the changes made to the Environmental Finance contractual outcomes that were executed in the fourth quarter of Program Year 3. The outcomes were altered in recognition of recent policy changes and initiatives by the GOI—such as the issuance of debt restructuring guidelines for PDAMs—as well as to better reflect the technical assistance needs of PDAMs and ESP's programmatic responses. For example, ESP's important work in the policy environment was added as a contract outcome. Also, the program's effort to make clean water more accessible to low-income people in the form of innovative financing mechanisms for household utility connections was also formalized as a contract outcome. The restructured program outcomes are fully detailed in the Monitoring and Evaluation Chapter of this document.

#### **FN-1: Improved PDAM Financial Management**

The foundation of ESP's work in environmental finance is the improvement of the financial management capacity of water utilities. Broadly speaking, this work takes four different forms: corporate planning, debt restructuring, tariff adjustment, and improved operating procedures. Notably, this work is heavily integrated with ESP's Service Delivery component, as the technical and financial management of utilities are strongly interconnected.

*Corporate Planning.* During Program Year 3 ESP provided technical assistance to two PDAMs in North Sumatra—PDAM Kabupaten Karo and PDAM Kabupaten Langkat—in the completion of 5 year corporate plans. Both PDAMs have a history of financial difficulties, with tariff policies far from cost recovery. Indeed, PDAM Langkat currently only covers an estimated 60% of its operating costs, and thus an important aspect of its plan is the implementation of a tariff adjustment. The corporate plans were completed in the fourth quarter of PY3, and follow-up work will commence in the beginning of Program Year 4.

*Debt Restructuring.* With the release of the technical guidelines for debt restructuring by the Directorate General of Treasury - Ministry of Finance (MOF) in late 2006 (Per-53/PB/2006), assisting PDAM's to develop a restructuring proposal has emerged as an important aspect of the FN portfolio. These guidelines outline a sequential, three-step process for eligible PDAM's to follow: (1) debt rescheduling, (2) interest rate reduction, and (3) the write-off of outstanding debt. ESP's role is to assist PDAMs in the High Priority Provinces to prepare the

debt restructuring proposal based on the recent guidelines, including the preparation of an analysis of existing conditions, a financial projection, and a capital expenditure plan.

In Program Year 3 ESP received formal requests for debt restructuring assistance from six PDAMs: PDAM Kota Medan, PDAM Kota Bogor, PDAM Kota Bandung, PDAM Kota Sukabumi, PDAM Kabupaten Purwakarta, and PDAM Kab. Gresik. After preliminary analysis, PDAM Kota Medan did not qualify for restructuring due to its strong performance history. The same case with PDAM Kota Bogor who had good score and was required to pay for the arrears to be taken on a World Bank loan. Concerning PDAMs Kota Bandung, Kota Sukabumi, Kabupaten Purwakarta, the preparation of the required *Rencana Peningkatan Kinerja Perusahaan* (Corporate Improvement Plan) was well underway by the fourth quarter of PY3, with a total of IDR 330 billion (or \$37 million dollars) in loans planned for restructuring. Assistance to Kab. Gresik did not yet begin in PY3 waiting for the approval of the Bupati to PDAM to proceed.

*Tariff Adjustment.* In the second quarter of Program Year 3 PDAM Kota Bandung implemented a tariff adjustment with ESP assistance. The average increase amounted to 51%. Additionally, in the fourth quarter of PY3, ESP began preparing a financial analysis to support PDAM Kabupaten Cianjur's planned tariff adjustment for January 2008. The adjustment will follow the new tariff guidelines issued by the Ministry of Home Affairs in Permendagri 23/2006.

*Standard Operating Procedures.* During Program Year 3 specialists from both the Service Delivery and Environmental Finance teams assisted PDAM Kabupaten Subang in the development of managerial, technical, and financial Standard Operating Procedures (SOPs) to improve the PDAMs efficiency and workflow. The templates developed in this activity were then used with PDAM Kabupaten Bogor as well. ESP plans to further replicate SOP improvement in PY4.

In summary, of the 25 PDAMs for which ESP has already collected data from, 17 PDAMs reported an increase in their operating ratio (defined as Operating Revenues / Operating Costs incl. depreciation and interest). These PDAMs include: in Central Java/Yogyakarta: PDAMs in Kota Yogyakarta and Kab. Magelang; in East Java: PDAMs in Kab. Malang, Kota Malang and Kota Surabaya; in NAD: PDAMs in Kota Banda Aceh and Kab. Aceh Besar; in North Sumatra: PDAMs in Kota Medan and Kota Sibolga; and in West Java: PDAMs in Kota Bandung, Kota Bogor, Kab. Cianjur, Kab. Purwakarta, Kab. Subang, Kab. Sukabumi, Kota Sukabumi and Kab. Bandung.

*FN Outcome #3.a. – At least 30 PDAMs individually demonstrate an improved operating ratio and those in default of old SLA and RDA debts are assisted in the preparation and submission of proposals to restructure outstanding debt.*

Through ESP / Finance team support 17 PDAMs increased their Operating Ratio in this project year.

## **FN-2: Strengthening the Enabling Environment for Domestic Borrowing**

Program Year 3 saw the achievement of a major regulatory milestone in Indonesia regarding domestic borrowing. ESP and the regional USAID program ECO-Asia provided support to the Ministry of Finance in the development of a Ministerial Regulation on municipal bonds and the accompanying Standard Operating Procedures (SOPs). In January 2007, the Ministerial Regulation on Municipal Bond (numbered 147/ PMK.07/2006) entitled “Tatacara Penerbitan Pertanggungjawaban, dan Publikasi Informasi Obligasi Daerah” was formally

issued. Then, in March, ESP and the regional USAID program ECO-Asia submitted the accompanying Standard Operating Procedures (SOP's) for the regulation on municipal bonds. The SOP's provide step-by-step instructions to municipalities considering a bond issuance. With the Regulation and SOPs in place, sub-national governments are now empowered to issue municipal bonds to help meet the burgeoning needs of their communities.

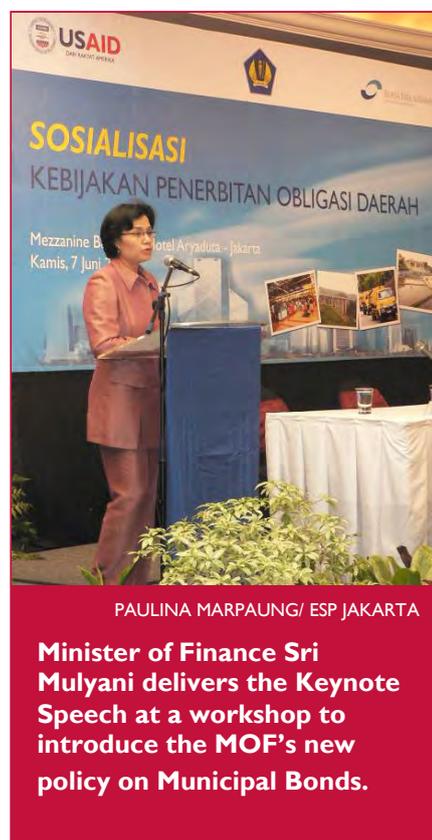
In the third quarter of Program Year 3, ESP also played an important role in the follow-up socialization of the Ministerial Regulation on Municipal Bonds and SOPs. Organized by the Ministry of Finance, USAID (both ESP and ECO-Asia supported the event) and the Surabaya Stock Exchange, the workshop "Socialization of the Policy on Municipal Bond Issuance" was held at the Aryaduta Hotel in Jakarta on Thursday, June 7, 2007. The Minister of Finance provided the keynote address at the workshop, which was attended by nearly 230 participants. Invitees to the event included local (provincial) government officials from around the country (33 provinces), the Association of Local Governments and Local Parliaments, professionals, academics, donors, and related officials from the Ministry of Finance, BAPPENAS, and the Ministry of Home Affairs.

*FN Outcome #3.b. – An improved enabling environment for domestic investment and borrowing as indicated by the adoption of at least one ESP-assisted central government regulatory guideline*

During this year EP completed this outcome through support of Ministry of Finance.

**FN-3: Alternative Financing and FN-4: Preparation for Bond Issuance for PDAMs**  
Public infrastructure investment—including the water sector—is presently at a virtual standstill in Indonesia. Current investment in the water sector, for example, is estimated to be approximately \$50 million per year, or, only 10% of the level required to reach the Millennium Development Goals. ESP's efforts during Program Year 3 to address this growing need focused on two PDAMs.

*PDAM Kabupaten Bogor.* In Program Year 2 (PY2) ESP carried out a series of Pre-Feasibility Studies to assess the financial health of select PDAMs in the High Priority Provinces and the viability of proposed capital expenditures. Of the water utilities engaged by ESP during Program Year 2, PDAM Kabupaten Bogor stood apart in terms of (a) the quality of its management, (b) the strength of its financials, and (c) the overall feasibility of its proposed investment plan in East Bogor. In parallel, ESP also partnered with PT Danareksa in Program Year 2 to develop a financing arrangement (known as the *Indonesia Water Fund*, or IWF) that would support credit worthy utilities to access the capital market. Integral to the proposed scheme is the use of a partial guarantee from an international donor such as USAID or the ADB. Given the emergence of PDAM Kabupaten Bogor, the PDAM represented an obvious choice to proceed with the IWF and access the capital market. As a result, the Pre-Feasibility Study was expanded to a Full Feasibility Study in the fourth quarter of PY2.



Program Year 3 has seen steady progress in PDAM Kabupaten Bogor's quest for alternative financing. Notable highlights are as follows:

- In the first quarter, ESP contracted local firm Hadipurtranto & Partners to conduct a *legal due diligence study* of the proposed financing arrangement to ensure that the approach was viable in the current statutory environment.
- Also in the first quarter, USAID's Development Credit Authority (DCA) visited Indonesia to conduct a *preliminary risk assessment* of the proposed financing structure.
- In the second quarter, ESP conducted a *Raw Water Assessment* and worked with PDAM to improve their monitoring capacity of their raw water resources.
- Over the second and third quarters, the PDAM completed the *corporate credit rating* process with P.T. Pefindo, marking the first publicly operated water utility in the country to achieve a credit rating. Importantly, the result showed that the PDAM has already achieved the category of "investment grade," meaning that the PDAM's debt would likely be salable in the market when accompanied by credit enhancements.
- In the final quarter of the year, the head of the Local Government (the *Bupati*) provided *written consent* to the PDAM to proceed with the proposed project in East Bogor using the capital market as the source of funds.
- In the final quarter of PY3, the PDAM (with continued ESP assistance) began the *tendering process* for both the physical works and the financing. Specifically, in August bidding documents were prepared for the *Detailed Engineer Design*. Additionally, the PDAM tendered out the key roles in the proposed bond financing, including the Underwriter and the Trustee. Also, the Decentralization Support Facility supported the tendering and award of legal counsel for the PDAM.

Based on the timeline required to complete the Detailed Engineering Design and award the construction work itself, the bond issuance is planned for the second quarter of PY4.

*PDAM Kota Surabaya.* In Surabaya, ESP worked with local consulting firm MLD and the Dutch Bank SNS throughout PY3 to advance a scheme to finance energy efficiency equipment for the PDAM. The objective of the initiative is to establish a sustainable financing mechanism that allows PDAMs to install much needed equipment and then pay for the equipment out of the energy savings achieved over a period of one to two years. To spur the development of the program, Dutch Bank SNS has agreed in principle to provide a partial credit guarantee to a domestic bank that is willing to provide the financing. In the second quarter of PY3 representatives from SNS in Holland visited Surabaya and met with the PDAM and three potential banks. Two of the three banks were strongly interested in providing the financing for the purchase of the equipment. Over the third and fourth quarters of the year ESP finalized the Scope of Work of the "Special Purpose Company" that would purchase the equipment as well as preparing the tendering documents. Should this pilot program be successful, ESP and MLD will seek to replicate it with other PDAMs who are in need of new equipment to reduce energy costs.

On a final 'alternative financing' note, in the third quarter of PY3 ESP sponsored two sessions addressing *Alternative Financing for the Water Sector* in the bi-annual *Indowater Event* at the Jakarta Convention Center. The sessions brought together important stakeholders in

water finance to explore the challenges and solutions to increasing investment in the Water Sector, including GOI officials, USAID, the President Director of Danareksa, senior staff from Bank Mandiri and Bank Jabar, and PDAM managers. The event was attended by more than 100 people and received wide press coverage.

*FN Outcome #3.c. – At least 10 PDAMs or local governments are assisted in the development of plans to access commercial financing through DCA or other means*

During 2007, ESP support on development of plans to access commercial financing is still ongoing for 10 for PDAMs in West-Java, Central-Java and East-Java and will be continued in 2008

*FN Outcome #3.d. – At least 1 local government, province or PDAM is assisted in the preparations for issuance of a revenue bond*

In 2007, ESP continued to support PDAM Bogor District on bond issuance processing, which is now 90% completed.

### **FN-5: Financing Water Connections for Low-Income Households**

The expansion of water utility services alone does not guarantee increased access to clean water by individual households, particularly lower income families. There is a very real, upfront connection cost that many families cannot readily afford (see text box at right). To help address this problem, in Program Year 3 ESP intensified its effort to establish microcredit programs with domestic banks and water utilities that can provide loans to potential customers who would like to connect but who cannot pay the fixed connection fee in one payment. Once a microcredit agreement is in place between the utility and the bank, potential customers can obtain loans for up to three million Rupiah (approximately US\$330) for a maximum period of two years. In many cases, the utility provides a guarantee to the bank that the loan will be paid off in a timely manner.

#### **Building on Lessons Learned from a USAID's LGWS Program.**

“Many non-customers cannot afford to pay [a PDAM's connection fee.] Many PDAM throughout Indonesia do not have any viable schemes for financing new connections or marketing programs to attract new customers...Donor involvement in addressing connection fees may go a long way to provide a financing scheme to the needy.”

~ *Final Report, USAID's Local Government Water Services Project, October 2003.*

In PY3 a total of seven new microcredit programs were established across the High Priority Provinces. Including the one program established in PY2, the following 8 PDAMs are now able to offer microcredit as a means of easing the connection cost: Kab. Bandung, Kab. Subang, Kota Sukabumi, Kota Malang, Kab. Sidoarjo, and Kota Surabaya, Kabupaten Malang, and Kota Solo. The establishment of a microcredit program includes the signing of a Master Agreement between the PDAM and a local bank branch, internal training to PDAM and bank staff, and the development of a promotional plan. Notably, PDAM Surabaya alone has signed three microcredit agreements (two with branches of BRI and one with Bank Jatim).

Importantly, the microcredit programs facilitated by ESP are gradually leading to new household connections. Through September of 2007, a total of **1426 households** (or about 7130 people) can now "turn on the tap" thanks the ESP-facilitated microcredit programs. Also, to ensure that the number of new connections continues to grow into Program Year 4 and beyond, ESP is also working with each PDAM to develop a promotional strategy to reach the targeted communities. Included in this assistance is the design of

sample promotional materials to be used by the PDAMs and the bank branches to publicize the program. ESP will continue to monitor the utilization of the program and advise on possible adjustments to the promotional strategies as needed.

In addition to microcredit financing, ESP also assisted PDAM Kota Surabaya during PY3 in the development of an Output-Based Aid (OBA) program financed through the World Bank. The OBA program will assist poor families in gaining access to the piped water supply by providing targeted subsidies for water connections. Around 9,000 households are expected to qualify for this program. Over the third and fourth quarters of PY3, the PDAM, ESP, and USAID regional program ECO-Asia worked together to detail the flow of funds and identifying the first batch of poor households to receive the subsidy. The OBA Program is expected to begin subsidizing connections in early PY4.

*FN Outcome #3.e. – At least 12 micro-credit programs are established with PDAMs and local banks, resulting in the connection of at least 100,000 low-income persons to water supply network*



Twelve micro-credit programs have been established with 8 PDAMs and a total of 1,426 households are already benefiting from this program

### FN-6: Payment for Environmental Services (PES)

Upper watersheds around Indonesia are increasingly degraded due to improper management. Not only does such degradation increase flooding, but it also leads to the contamination and destruction of water sources. The result is that downstream users face increasing water shortages and must work harder to clean the raw water before use. ESP sees 'Payment for Environmental Services' (PES) arrangements as having significant potential in the Indonesian context as pressure on natural ecosystems rises and environmental services previously provided for free become scarcer. A PES may be defined as a voluntary or legally binding transaction where a clear and identifiable environmental service is bought by a "buyer" from an environmental service provider or "seller." During Program Year 3, ESP provided a Small Grant for the completion of a Payment for Environmental Services Study, as well as worked to establish PES pilot projects in four subwatersheds.

In the second quarter of PY3 ESP grantee RMI completed the Payment for Environmental Services Study and submitted their final report. The report consists of a desk study of past experiences in the implementation of PES in Indonesia (such as Kawasan Gunung Ciremai in West Java, DAS Way Besay in Lampung, and Lombok Barat in Lombok), as well as an assessment of potential PES schemes in the Deli Watershed in North Sumatra and the Progo Watershed in Central Java. As part of the Study, RMI also completed a series of stakeholder workshops in North Sumatra, Central Java, and Jakarta.

Based on the results of the study as well as input from ESP's Regional Offices, ESP identified sites to implement pilot PES initiatives in the High Priority Provinces. The four initiatives commenced in PY3 are as follows:

- Deli Watershed, North Sumatra. ESP will focus on Lembah Sibayak, where PT Aqua Danone (the proposed "buyer" of environmental services) will provide compensation to two villages (the proposed "sellers" of environmental services) for conservation measures taken to preserve a natural spring.
- Taman Nasional Gunung Pangrango, West Java.
- Progo Watershed in Central Java, ESP is working with nine villages to implement a protection program for a natural spring. One village—which surrounds the spring—is envisaged as the "seller," receiving compensation for conservation measures from the other villages that draw water from the spring.
- Communities from 38 settlements in Bumiaji sub-district have developed this PES model to secure a quality raw water supply through a Community-Based Water Association (HIPPAM, or Himpunan Penduduk Pemakai Air Minum). Under this model, down-stream beneficiaries pay up-stream resource managers to conserve and rehabilitate forests around water springs. This model has a strong monitoring and evaluation element that measures impact of conservation and rehabilitation on water quality. The PES model is also linked to the larger Kota Batu critical land rehabilitation work.

*FN Outcome #3.f. – At least four 'Payment for Environmental Services' arrangements are implemented in ESP priority watersheds (refer to task 1.5 of Watershed Management and Biodiversity Conservation)*

During this year, ESP developed PES programs for 4 watersheds in North Sumatra, West Java, Central Java and East Java, with percentage achieved between 30-80%. This work will be continued in 2008.

#### **FN-7: Leverage to expand the impact and geographic coverage of ESP**

This is reported in detail in the PMP section of this Annual Report. Outcomes towards this task are provide in this national section, below

*FN Outcome #3.g. – At least \$15 Million USD is leveraged to expand the impact and geographic coverage of ESP. Of this amount, at least \$10 Million USD is leveraged in Aceh*

During this year a total amount of \$ 1 Million USD was leveraged from mainly Local Government Agencies (for Aceh \$ 82,900 was leveraged from G'ment and donor agencies). Cumulative achievement through Program year 3 is a total of \$ 15,3 Million USD leveraged , which corresponds with 100% of target Outcome. Cumulative amount leveraged for Aceh is \$ 12,37 Million USD, which is 124% of the targeted Outcome.

## SECTION 3.4.

# STRATEGIC COMMUNICATIONS FOR BEHAVIOR CHANGE

## INTRODUCTION

Program Year 3 marks the first year of managing the Strategic Communications group as an integrated team. In the past, the Public Outreach and Communications (POC) group worked relatively independently, focusing primarily on working with local media networks to build awareness of and advocacy for ESP issues through Multi Media Campaigns (MMCs). At the same time, the Health and Hygiene (H&H) Communications group focused at the community, household and individual level on behavior change issues intended to reduce prevalence of diarrhea. In an attempt to strengthen overall integration in ESP programming, the Strategic Communications for Behavior Change component brings together the POC and H&H groups in order to design and deliver more comprehensive messages for behavior change, working 'above the line' with media and 'below the line' with community groups, households and individuals. This new strategy proved to be successful, ensuring greater impact in ESP's communications work. It was determined that next year this component will be expanded further to also include the Program Communications group. This demonstrates the emphasis for and importance of communications in achieving ESP goals and objectives.

Important achievements this year include:

1. Development of health and hygiene behavior change materials and training materials, focusing primarily on proper hand washing with soap. These materials and training materials were effectively integrated into ESP work in urban and rural communities, as well as in schools. These materials were used in all major Strategic Communications events. More importantly, they were applied to ESP work in upper watersheds through field schools and in urban communities through Service Delivery work.



SARI TOBING/ ESP JAKARTA

Health and hygiene communications materials contribute to better health practices and reduced prevalence of diarrhea.



ESP WEST JAVA

West Java Governor, Dani Setiawan, responds to journalists' questions as part of an MMC media gathering.

2. Design and implementation of a four-part MMC strategy that included Quarterly focus on the following issues: Clean Water and Healthy Life; Community-based Sanitation Systems; Behavior Change for the Sake of our Children; and Water for the Poor. This MMC strategy addressed key technical issues across ESP, from upstream raw water resource protection to down-stream clean water and sanitation issues. Linkages were clearly made between upstream and downstream activities, and MMCs contributed to significantly greater awareness of ESP issues in local media.



DONALD BASON

The Coordinating Minister for Peoples' Welfare, Aburizal Bakrie, and Gladys Verina, who plays "Manda" in the hand washing public service announcement, demonstrated proper hand washing with soap at the "National Campaign for Hand Washing with Soap" launching at the National Monument (Monas) Jakarta, on May 6 2007. Around 2,500 children took part in the event.

3. A highlight of this year was effective coordination with Menko Kesra, Unicef and other government agencies, donors and donor projects, USAID partners and the private sector on a National Hand Washing with Soap campaign. This was launched on May 6 with simultaneous events in Jakarta, Surabaya, Bandung and Medan involving four ministers, three governors, 2896 students and 2896 mothers and 48 schools. Similar events were held in Yogyakarta and Aceh, and this sparked enthusiastic replication of this model in other cities and districts, including Lumajang, Gunung Kidul, Sleman, Magelang and Makassar. An estimated 8,000 students and parents participated in hand washing with soap activities in the above cities and districts. On August 4, Malang set a national record with 7,389 students and their mothers. In total, the National Hand Washing with Soap campaign and its replication across the provinces have brought together 21,181 students and adults into the practice of hand washing with soap.

## PROGRESS TOWARD STRATEGIC COMMUNICATIONS ACTIVITIES AND PMP OUTCOMES:

This section highlights some of the qualitative aspects of ESP achievements toward Strategic Communications activities and PMP Outcomes in 2007. It is presented as per the main text and activities table of the Year 3 Work Plan, and it is noted that this diverges somewhat from that Work Plan's task and sub-task hierarchy. Relevant PMP outcomes for Strategic Communications activities are also provided. Quantitative progress towards PMP Outcomes is presented in tabular form in Chapter 4 of this report.

### I. Conduct Multi Media Campaigns for Water Quality and Health

This year, ESP's Multi Media Campaign communicated 4 main issues on (1) Clean Water and Healthy Life; (2) Community-based Sanitation Systems; (3) Behavior Change for the Sake of our Children; and (4) and Water for the Poor in East Java, Central Java/Yogyakarta, West Java, Jakarta, and North Sumatra. These campaigns were conducted together with ESP local partners to expose decision makers and media to 'water quality and health' campaign issues. ESP strived to shape the journalist support on the issues and to ensure their long-term commitment to reporting on these issues. Journalist and local NGO networks were also

mobilized to advocate many facets of water and health issues with technical support from ESP in each HPPs. ESP has significantly broadened its media networks this year. This is best demonstrated in the dedication of two to three pages per MMC contributed by *Pikiran Rakyat*, West Java's most read newspaper, to that MMC's theme. Similar contributions of space and air time are being provided by newspapers and radio stations in all of ESP's MMCs.

As a result of MMCs and other ESP-supported communications events, there was an average of 35 news stories covered per month in print and electronic media at the HPP and national level. 14 mainstream news organizations, covering print and electric media, have committed to providing dedicated support to ESP issues and principles as a result of our MMC work. Through PY 3, more than 100 media events or stories were covered through the MMC process, reaching an estimated gross audience of more than 900 millions potential viewers and/or readers across Indonesia. This is based-on 'number of people reached' data from Media Scene. However, these numbers only account for 65% of available media data. The remaining 35% is not available.

## **2. Conduct Clean Community Health and Hygiene Behavior Change Campaigns, Hand washing with Soap Focus**

A total of 45 communities in 5 HPPs, ranging in size from urban neighborhoods (or RWs) to village level, have developed and implemented community action plans to create clean communities by adopting several hygiene behavior changes including effective hand washing with soap, garbage separation and composting, and proper point-of-use water treatment. Each community designed their own interventions based on their available resources and the scale of area needed to be reached. Communication materials such as posters, leaflets, pamphlets, banners and game boards were widely distributed and used in all of these communities. Each of these materials is used in different settings based on the issues discussed and how it will help the process of learning. Additionally, training on behavior change communication helps community cadres to mobilize their community for better hygiene behavior and to understand the purpose and usefulness of the various communication materials.

## **3. Leverage Broad-based Community Support for ESP Health and Hygiene Initiatives**

The involvement of local stakeholders has been crucial in the development and implementation of clean communities. ESP worked closely with community leaders, village health centers and community health centers in planning all activities in each community and engaging religious leaders and teachers to embrace the idea and the importance of having clean community for a better and healthier environment. Training in behavior change intervention in hygiene improvement was provided to community health center cadres. Through clean community activities with schools, ESP has reached thousands of children in more than 50 schools in ESP focus communities, plus 70 other schools through the national hand washing with soap campaign events. This has mobilized children to become advocates for behavior change in their own family.

Through a small grant, ESP is also working with a Pesantren community in Paciran, East Java in collaboration with Muhamadyah. Together, ESP and Muhamadyah have introduced hygiene behavior into school curriculum and adapted some approaches to improve hand washing with soap practices in these schools. Examples include adding a soap dish and hand washing message at the 'wudhu' area to trigger and impose the awareness on hand washing knowing that people will use the facility 5 times a day during praying time. Muhamadyah continues to work with ESP to finalize the curriculum module to soon be applied in all of their schools across East Java.

Finally, it is noted that ESP collaborated with DBE in common work sites in Jakarta and Klaten in Central Java for school hygiene improvement work. ESP worked with HSP and also FSN partner, World Vision, in the Surabaya neighborhoods of Wonokromo and Gading.

#### **4. Support Aman Tirta/SWS for Point-of-Use Water Treatment**

ESP worked with Aman Tirta/SWS to promote Air Rahmat as a preferred point-of-use safe water treatment product in upstream and downstream communities. Through upper-watershed field schools and downstream urban-based Clean Green and Hygiene community and school activities, ESP helped identify non-traditional retailers (NTRs) for Air Rahmat to ensure its sustainable availability. Additionally, the Air Rahmat message is embedded in ESP's health and hygiene communications materials.

#### **5. Monitoring and Evaluation of Strategic Communications Work**

This year, ESP designed, tested and implemented a 10 minute monitoring tool to better measure changes in the prevalence of diarrhea in response to ESP interventions including proper hand washing with soap, proper sanitation/defecation management, solid waste management, and water treatment. This monitoring system is in place in five HPPs. Community health center cadres were trained to conduct this monitoring tool, including data collection from households in their communities. This is scheduled to be collected and analyzed twice each year, during both Rainy Season and Dry Season. ESP will analyze and report findings from this monitoring process. The first round of data has been collected. Analysis is underway, and a first report is expected to be distributed early in PY 4. It is expected that this monitoring tool will provide more detailed information than the initial baseline study provides, especially with regard to attributing impact of change in diarrhea prevalence to ESP interventions.

#### **6. Leverage Private Sector Support for Strategic Communications Work**

ESP was successful in leveraging private sector support Strategic Communications activities this year, especially for the Hand Washing with Soap (HWWS) campaign. For the HWWS events on May 6, ESP leveraged Rp. 340,650,000, or almost \$40,000 from 14 partnerships. Additionally, ESP developed and tested a PPP marketing package that can link interested companies with ESP partners for important work in all aspects of ESP's technical endeavors. This includes land rehabilitation, community clean water systems, and school sanitation systems. It is expected that these materials will be rolled-out on a more substantial scale in PY 4, as part of ESP's strategy for leveraging sustainability.

#### **7. Provide Regular Communications Support for ESP Events**

Besides supporting scheduled communications activities, including MMCs and health and hygiene behavior change work, the Strategic Communications team also provided extensive communications support for various ESP events held at the HPP and national level. On a routine basis, the Strategic Communications team provided communications support to ESP field day activities in all HPPs. Additionally, the Strategic Communications team provided critical technical support to the WSM team for the Ministry of Forestry's launching of their ESP-driven participatory land and forest rehabilitation program, RHLP. During this one-day launching in Cianjur, West Java, the Strategic Communications team provided various communication and advocacy support such as event launching and media expose were conducted to support this event.

This year, the Strategic Communications team also led communications support for two major events, launching of the National Hand Washing with Soap Campaign and the Indowater National Conference 2007.

ESP played a leading role in ensuring media coverage of the National Hand Washing with Soap Campaign. As a result, 668 public service announcements were made, 454 jingles were played, 51 television game shows were covered, and there were three talk shows, as well as ten live interviews and 15 live reports. The news coverage of this campaign launching included at least 1,130 spots from 14 news-reports in online media, 29 printed media and 1,087 electronic media, reaching a potential 5,413,000. Additionally, a total of 48 schools in Jakarta, Bekasi, Medan, Bandung and Surabaya were involved in the National Hand Washing with Soap Campaign launching. This includes a total of 2,896 students and 2,896 mothers. The National Hand Washing with Soap campaign has helped speed-up GOI National Initiative Hand Washing with soap including HWWS Public Private Partnership supported by MOH and WSP/World Bank. It has helped mobilize local governments to take action and brings other donors and private sectors to take more active participation. In order to strengthen and enhance the impact of national campaign on Hand Washing with Soap, ESP conducted an online campaign through a mini site called [www.esp.or.id/handwashing](http://www.esp.or.id/handwashing). The mini site contained general information regarding the campaign itself, free downloadable campaign materials and daily updates of campaign activities across ESP sites. In the spirit of partnership, the online campaign was extended to other stakeholders' official web sites, namely the Coordinating Ministry of People's Welfare and UNICEF Indonesia, where the campaign banner was uploaded on each homepage.

The Strategic Communications Team also provided extensive support to Indowater 2007, a regional event focusing on water and waste water technology. ESP viewed the event as an opportunity to share experiences, inputs and expand collaboration, as well as fine tuning various ongoing and forthcoming initiatives of numerous stakeholders in water and sanitation sectors in Indonesia.

The Strategic Communications and Program Communications team provided technical support to run and manage a seminar as well as an exhibition. In collaboration with Aman Tirta and ECO-Asia, ESP held a one-day seminar on "Meeting Challenges, Finding Right Solution" on June 21, 2007 in Jakarta Convention Center. The seminar discussed several important issues around water and sanitation sector, such as "Alternative Financing for Water Sector", "Household Water Treatment", "Water for the Poor: Increasing Affordable Access to Water" and "Social Marketing for Sanitation". More than 250 stakeholders took part in the event and around 22 local and national print and online media covered the seminar, which generated a total of 16 articles in local and national media. In addition, more than 200 visitors were exposed to successful initiatives in water and sanitation sectors done by ESP, Aman Tirta and ECO-Asia through an integrated exhibition booth in the exhibition area.

### **National Integrated Initiatives**

The Strategic Communications Team contributed to national integrated initiatives in a number of ways. This is summarized below:

A series of communication tools and materials on hygiene improvement and its relation to environment and health has been developed to provide information and better understanding of the community in order to mobilize them create a clean community. These communication tools and materials come in hardcopy and softcopy, and include guidelines on how to use them.

Two sets of training package developed for community cadres and Field School were developed. The training package for community cadres on behavior change intervention for hygiene improvement provides cadres with information on hygiene behavior and exercise to increase their skills to conduct activity and community mobilization by using communication

tools and materials that will help them engage with their peer and community at large. The training package for Field School provides Field Assistants with step by step guidelines in incorporating hygiene issues through the understanding of Fecal Oral Transmission into the process of Field Schools.

ESP began the process of developing PPP strategy and materials by the end of PY 3 in response to the next work plan which aims towards leveraging for sustainability. A road show to test market these materials was conducted in East Java. Four companies have shown interest in supporting community development work for land rehabilitation, community clean water access and/or school-based sanitation systems. This material is in the process of finalization based on input from USAID.

## PERFORMANCE MONITORING PLAN OUTCOMES FOR STRATEGIC COMMUNICATIONS

### **Number of campaign activities supported by ESP**

This year, ESP conducted 28 campaigns across the HPPs. The cumulative achievement up to end of this year is 56 campaigns implemented by ESP. This achievement is 70% of the total target of this deliverable. The main activity of this campaign consists of Multi Media Campaign and several campaign activities support ESP issues. This includes 4 Multi Media Campaigns, 11 campaign support for WSM issues, 10 campaign to support SD issues, and 3 campaign support PM issues.

### **Number of campaigns supported by ESP partners/stakeholders**

In Program Year 2007, a total of 14 campaigns conducted by ESP partners across HPP. To date achievement of campaign by partners is 31 campaigns by partners. This achievement is 77.5% toward total target. These campaigns were conducted in 5 HPPs and include, 1 campaign by partner in NAD, 3 campaigns by partner in North Sumatra, 2 campaign by partner in West Java, 6 campaign by partner in Central Java, and 2 campaign by partner in East Java.

### **Number of advocacy materials developed**

To support all campaign activities across HPP during in this year, ESP has produced 15 sets of campaign material. The cumulative achievement up to end of this year is 28 sets of campaign materials. This achievement is 53.75% toward total target. Several type of campaign materials produced such as Fact sheet, media kit, hand-out, leaflet, pin, backgrounder, brochure, column writing, photo, banner, gimmick, presentation, T-shirt, field guide, sticker, pamphlet, and documentary film.

SECTION 3.5.

# PROGRAM MANAGEMENT

SECTION 3.5.1.

# PROGRAM COMMUNICATIONS AND REPORTING

The Program Communications team provides support in communicating ESP's work to USAID and other Indonesian and international stakeholders and partners through a regular newsletter, project web site, regular technical and progress reports, and through ESP events. Key accomplishments during Program Year (PY) 3 were as follows:

**ESP News.** ESP news is a monthly publication that deals with various successful innovative initiatives on a wide range of technical topics from across ESP sites. During PY 3, ESP News introduced a new layout and design to improve readability. Each volume includes 4-6 success stories that represent each ESP HPP. Written in both English and Indonesian, the newsletter is distributed on-line to 340 stakeholders including USAID offices and programs, donor communities, as well as local and international NGOs. In order to expose activities and progress of ESP as well as to expand readership, ESP News is distributed to visitors of various events held by ESP or those that ESP took part in. More than 1,000 copies of ESP News in Bahasa Indonesia were distributed at ESP events during PY 3.



**ESP Web Site.** In order to strengthen and enhance the impact of the National Campaign on Hand Washing with Soap, ESP conducted an online campaign through a mini site built within its official web site called [www.esp.or.id/handwashing](http://www.esp.or.id/handwashing). The mini site contained general information regarding the campaign itself, free downloadable campaign materials and daily updates of campaign activities across ESP sites. Within a few days during and after the campaign, the mini site has successfully attracted around 3,860 unique visitors, who viewed a total of 24,770 web pages. The visitors favored campaign material page most, of which "Diarrhea" and "Solid Waste Management" pamphlets were the two most viewed items. In

the spirit of partnership, the online campaign was also extended to other stakeholders' official web sites, namely the Coordinating Ministry of People's Welfare and UNICEF Indonesia, where the campaign banner was uploaded on each homepage.

**ESP Reports and Publications.** ESP continued to publish and distribute an extensive list of project and technical reports in English and Indonesian. During PY 3, 72 reports were approved by USAID/BHS and then submitted to USAID's Development Experiment Clearinghouse (DEC). ESP also posts approved reports in PDF format on the ESP web site.

**ESP Events and Exhibitions.** ESP also communicates its work through events and exhibitions. During PY 3, the Program Communications team provided support to the National Campaign on Hand Washing with Soap and Indowater 2007, a regional event on water and waste water technology and stakeholders. In collaboration with Aman Tirta (Safe Water System) and ECO-Asia, ESP set up an integrated exhibition booth and held a one day seminar. More than 200 booth visitors were exposed with successful initiatives in water and sanitation sectors carried out by ESP, Aman Tirta and ECO-Asia. In addition, around 250 stakeholders took part in the seminar that discusses important issues around water and sanitation sectors.



UMAR

The Water Crowd. Visitor flocked in USAID's booth at INDOWATER 2007.

To improve the impact of ESP's work through writing success stories, the Program Communications team held a nation-wide workshop on Narrative Writing to strengthen the capacity of its staff members in producing improved success story, where 48 staff members took part and published a web log that contains their stories at <http://klubtulis.wordpress.com>.

## SECTION 3.5.2.

# SMALL GRANTS

## INTRODUCTION

The Small Grants Program (ESP-SGP) represents a key tool for ESP's strategy for improving advocacy and behavior change in watershed management, biodiversity conservation, and environmental service delivery in the HPPs of Aceh, North Sumatra, West Java, East Java and Central Java/Yogyakarta, and Jakarta as well as the four Special Concern Imperative Areas of Padang in West Sumatra, Balikpapan in East Kalimantan, Manado in North Sulawesi and Manokwari and Jayapura in Papua.

As of September 30, 2007, ESP has committed to funding 30 small grants which contribute behavior change for better health and hygiene and decreased incidence of diarrhea in children; increased access to clean water and improved sanitation and solid waste management systems; community-based land and forest rehabilitation initiatives; and

decentralized collaborative conservation management initiatives. Total commitment is \$516,211 or 51.6% of total funding of \$1,000,000 over the life of the project. To date, implementation of 21 small grants programs has been completed.

Most of the small grants have been organized to integrate with ESP activities at the local level, building partnerships and networks of local stakeholders to address the urgent need for strengthening watershed management, biodiversity conservation, and environmental service delivery, and drawing lessons from community-level experiences, to support the replication of successful community-level strategies and innovations among ESP partners.

Small grants have significantly contributed to ESP achievements in many ways. This includes the improvement of watershed management in targeted areas in most HPPs through small grants for replanting of critical areas with economically high value tree species as well as Pride Conservation Campaigns to support forest and biodiversity conservation. Small grants have also contributed to increased access of clean water to local communities living in upper as well as lower watershed areas in most HPP. Finally, small grants have contributed to the improvement of sanitation and solid waste management in the peri-urban areas of Medan, Padang, Bandung, Cianjur, Malang and Paciran near Surabaya.

Successes of small grants program in each region are described in their respective annual regional progress report.

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

No.	Region	Total Small Grants Program	Total Grants \$	Cumulative # of Grants Completed by Sept.30, 07
1	Aceh	6	90,000	3
2	North Sumatra	9	168,221	8
3	West Sumatra	1	24,478	1
4	West Java	3	68,327	3
5	East Java	6	87,064	3
6	C. Java/Yogyakarta	3	38,949	1
7	North Sulawesi	1	14,811	1
8	National	1	24,361	1
	<b>TOTAL</b>	<b>30</b>	<b>516,211</b>	<b>21</b>

## PROGRESS TOWARD SMALL GRANTS PROGRAM ACTIVITIES

**Review of Aceh Grants Proposals and agreements signed:** There were two unsolicited proposals submitted to ESP/Aceh. Both applications were to implement a health and hygiene program through community awareness and community-based solid waste management activities, one in Loknga and the other in Desa Nusa. These applications have been reviewed by ESP/Aceh team and was concluded that the two proposals actually were good proposals however because of the workload of ESP staff in Aceh and the proposals itself need improvement, it was decided to reconsider the proposals in this new program year 04. Consequently, ESP/Aceh did not have small grants programs in PY 3 but are looking forward to a number of small grants programs in PY 4.

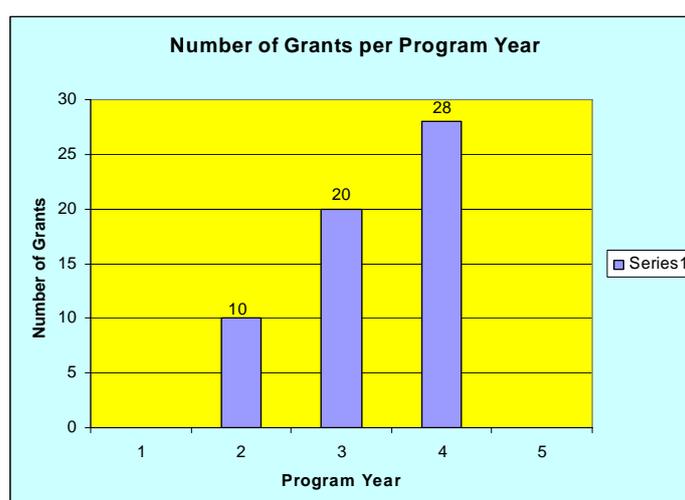
**Close – out Grants:** ESP planned to close-out 5 grants in this reporting period, however, only one has already been technically and administratively closed out while the remaining are awaiting administrative technicalities. Most of the grantees have not completed their grant administration requirements, however all 21 grants completed this program year will be technically and administratively closed by October 2007.

**Monitoring and Evaluation of Small Grants Programs:** Each assigned project manager, including the financial officer in the region, monitors and evaluates their respective grant activities periodically. All the grants activities were well monitored, evaluated and managed and critical improvements were made if necessary - such as making adjustment on activities needed to achieve the project objectives. The Grants Manager from time to time join the regional monitoring and evaluation team, and make recommendation for program improvement.

**Planning for new Small Grants Programs in Each HPP for PY 4:** PY 4 small grants program commitment is to implement another 26 to 28 small grants spread across all HPPs as illustrated in the chart below:

**Small Grants Program Year 04**

No.	Province	# of Grants
1	Aceh	3
2	North Sumatra	6
3	Jakarta	2
4	West Java	5
5	Central Java/Yogyakarta	5
6	East Java	5
7	National	2
<b>Total</b>		<b>28</b>



ESP will seek applications from potential grantees in each respective HPP through a limited competition award process. However, ESP also will consider unsolicited and/or sole source applications on a case by case basis and must have viable justifications.

**New grant proposals from HPP received for review:** All HPP are now in the process of implementing limited competition award processes. The Request for Application (RFA) document from ESP Central Java/ Yogyakarta has been approved by USAID and shortly will conduct the pre-bid meeting. RFAs from other HPP will be submitted to USAID shortly for approval. It is anticipated that ESP will receive, review and evaluate 28 applications in October – November 2007 and selected potential applications will be submitted to USAID within the period of October through early-December 2007.

## NOTES FROM THE FIELD

### IMPROVED SANITATION CONDITIONS IN THE VILLAGE OF KAMPUNG BARU, MEDAN, NORTH SUMATRA



ESP NORTH SUMATRA

**An improved sanitation facility in Kampung Baru, Medan North Sumatra.**

The village of Kampung Baru, Medan Maimun Subdistrict, North Sumatra, located at the side of the Deli River, was a distinctive residential area for the underprivileged - an area that is densely populated, dirty, at risk to flooding, with poor sanitation and inadequate clean water facility.

As sanitation facilities are lacking in this area, residents were forced to use the riverside to bathe, do laundry and relieve themselves. The vacant lot around their neighborhood is treated as a toilet. It is a health and hygiene problem and this situation led to the emergence of disease, including diarrhea and skin diseases.

A small grant program was introduced for clean water supply and sanitation procurement from ESP North Sumatra through the NGO Community Welfare and Health Network (*Jaringan Kesejahteraan dan Kesehatan Masyarakat*, JKM). For this access to clean water program, JKM collaboratively worked with the Tirtanadi Medan Regional Water Company (PDAM), which installed public clean water taps to serve more than 100 families. Partnering with North Sumatra Regional Environmental Impact Agency (Bapedalda), ESP and JKM's, provided sanitation facilities worth Rp. 45 million. The community also constructed a sanitation facility, in the form of public MCK (*Mandi Cuci Kakus*, or public bathing, washing and toilet facilities), for 15 families in Neighborhood XIV. The facility is equipped with a waste water treatment installation (IPAL) to ensure that waste water from the MCK would be environmentally friendly, i.e. non-polluting to the ground water and in compliance with the liquid waste quality standard set by the government.



ESP NORTH SUMATRA

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

For program sustainability, ESP provided technical assistance in the form of design, operational guidelines and construction maintenance, and supervision, while JKM provided capacity building for the community through the Clean Water User Group (Pokmer) in the management and maintenance of the sanitation facility.

The residents are delighted to have the new facility in the neighborhood. Now children and adults have a sanitation facility consisting of three bathrooms equipped with water vats and toilets complete with an IPAL. Everyone hopes this facility will create a healthier environment for all of the residents of Neighborhood XIV and can be replicated in neighborhoods.

“Now I can have a clean bath in a proper closed bathroom” said Zainal, a 12 year old boy from Kampung Baru.

### SECTION 3.5.3.

## GIS AND DEVELOPMENT PATHWAYS

The GIS group provides cross-cutting technical support to ESP technical components at the HPP and national level through the production and analysis of maps and spatial data, called Development Pathways. Development Pathways is a participatory concept to define the best working strategy with geo-spatial data and its analysis support, combined with necessary tabular data, such as socio-economic, policy, etc., with specific administration such as, province, district, village or physio-graphical boundaries, such as, watershed, or sub-watershed. The Development Pathways concept is a part of spatial planning framework which is established with several scaling level depending on detail required on working area, which is should be started from broader scale into super fine scale level high priority area. The concept adopts analysis criteria's developed with the participation of the relevant technical teams to be used for GIS analysis process.



Since the start of ESP, the GIS team has facilitated the implementation of Development Pathways to support decision making in macro- and micro-level site selection and, increasingly, in management intervention activities at the field level. For the WSM team, Development Pathways is used to determine appropriate activities related to critical land rehabilitation and biodiversity conservation. For the SD team, Development Pathways assists in identifying sites for community sanitation systems. Finally, Development Pathways is used in reporting, to ensure that ESP is able to communicate technical results of its work in spatial terms.

A good example of ESP's cross-cutting use of Development Pathways in its work is site selection for expansion of work in West Java. After successfully established community based watershed management through ESP Field school approach with the participation of local multi sectors in some integrated sites, in PY 4, ESP will scale-up these activities to a new district in West Java. Development Pathways concept was used to select a new site/district, starting with the development of GIS analysis criteria with participation of the technical teams including WSM, SD, and SC teams. The developed criteria's are grouped on three factors, are: a) Bio-physical Factor, including: area with high bio-diversity, area of critical land, etc.; b) Social factor, including: high population area, area with the high mortality because of availability clean water, etc.; c) Watershed management factor, including: local sectors initiative, quantity of flood prone downstream, and potential water resources for PDAM. Then, using those developed criteria's above, GIS analysis process is resulted matrix of Score and Rank of the priority districts and development pathways map, below. As a result of this process, ESP will add Sukabumi as a new site in PY 4.

#### Total Score and Ranking

District/ Municipality	Bio-physical Factor	Social Factor	Watershed Mgt. Factor	Total Score	Rank
KUNINGAN	12	9	12	33	5
MAJALENGKA	18	10	12	40	3
CIREBON	8	14	12	34	4
SUKABUMI	19	13	16	48	1
PURWAKARTA	7	5	14	26	6
BOGOR	17	12	16	45	2

#### SECTION 3.5.4.

## GENDER

ESP continued to address Gender, both at the work place and in program activities through PY 3. Although the formalization of Gender Working Group was not realized, the process and discussion towards forming the working group at national and regional offices has taken place in each HPP. Gender awareness in program activities were also strengthened, as demonstrated in the selection process of village facilitators for field schools, among others. Additionally, there is a significant increase in the active participation of women in ESP training and workshops.

The development of Scope of Work for Gender Working Group is still in progress. Finalization of the Scope of Work will be subject to this process and inputs make by the working group.

**SECTION 3.5.5.**

# MONITORING AND EVALUATION

## INTRODUCTION

ESP Monitoring and Evaluation (M&E) activities during in Program Year (PY) 3 focused on two aspects of M&E, such as quantitative and qualitative reporting. Quantitative reporting responds to ESP's Performance Monitoring Plan (PMP), and provides regular updates on achievements toward ESP contract outcomes and deliverables. Qualitative monitoring is developed through ESP's Longitudinal Study sites, locations across ESP's HPPs where we are monitoring program impact through the eyes of our partners.

During the final Quarter of PY 3, ESP received contract modification #8. In this modification, there was a significant change to the structure of ESP outcomes and deliverables thus leading to a revision of the PMP. The PMP revision is targeted to be completed in the first Quarter of the PY 4, through ESP has been adapting the contract modification for reporting of program achievements since receipt of the contract modification.

Through the end of PY 3, ESP has made good progress toward PMP targets. This is presented in greater detail in Chapter 4 of this report. It shows that ESP has achieved many program outcomes and deliverables, and in some cases exceeded them. Only a few outcomes need to speed up significantly over the next year, and strategies for this will be presented in the coming Work Plan. For the sake of this Annual Report, ESP's quantitative achievement is on track. The details results of quantitative achievement based on PMP outcomes is described in Section 4 and Appendix E.

In terms of the Longitudinal Study, two reports have been completed to show the quantitative achievement of ESP through the eyes of our partners. These quantitative stories bring a perspective of ESP from our beneficiaries. To facilitate this work, the M&E Specialist conducted training for community groups in the Longitudinal Study sites across HPPs on the process of Participatory Monitoring and Impact Evaluation. This training established a process for community members to assess their successes and impacts that have been made from ESP interventions in their area. The participatory monitoring and impact evaluation is a foundation for communities to sustain their activities into the future.

## PROGRESS TOWARD MONITORING AND EVALUATION TASK

### **PMP Annual Data Collection**

This year, the quantitative report based on the PMP has been delivered each Quarter in the Quarterly Report as well as this Annual Report. The PMP data intake is collected using the ESP TAMIS (Technical and Administration Management Information System). The PMP reporting has been conducted based on the ESP contracted outcomes and deliverables. Starting with the Fourth Quarter Forth of PY 3, ESP adapted the new outcomes structure listed in ESP Contract Modification #8. Starting in the second Quarter of PY 3, ESP provided additional information on the details PMP achievement of each ESP outcomes in appendix of Quarterly Report. This additional information tracks the progress made in each quarter.

### PMP Reporting

TAMIS is an essential tool for ESP Monitoring and Evaluation activities. In PY 3, ESP improved the TAMIS structure to follow the structure of the PY 3 Work Plan. The M&E Specialist worked with the TAMIS Manager from the DAI/HO to develop a new TAMIS structure for PY 3. The main change of the TAMIS structure is to present Work Plan activities through regional Work Plans rather than technical component-based Work Plans. This new structure works effectively and helps the ESP team maintain their activities as well as to collect data for PMP reporting. At the start of PY 3, the M&E specialist provided training for all ESP staff across the regions to familiarize them with the new TAMIS structure.

### Participatory Impact, Monitoring and Evaluation

Two main activities here include the ESP Longitudinal Study and the Ten Minutes Monitoring (Mini Baseline).

The implementation of ESP Longitudinal Study in PY 3 has resulted two reports. The first report focuses on the profile of ESP Longitudinal Study sites. The profile of the Longitudinal Study presents the general condition, main problem related to ESP issues, and the potential conditions of each site. The profile description of each site is complemented by a map from the site. The second report presents the progress made in the six month period after the first report was developed. The main progress during in this period was the emergence of 'local heroes' from each site. The second report presents the profiles of these local heroes including the results they have helped to achieve. Local heroes play important roles on the implementation of ESP activities and are foundations to help sustain the ESP program at the community level into the future.

The plan for the third report of the study is to bring more involvement of ESP beneficiaries. A plan called a Participatory Monitoring and Impact Evaluation has been developed to meet facilitate this process. During PY 3, ESP conducted the first step of the Participatory Monitoring and Impact Evaluation program through the implementation of Training of Trainers (TOTs) for community groups. The training increased the community members' capacity to conduct self-monitoring and impact evaluation. Through this process, it is expected that the community people will be able to voice improvements in their life with the support from ESP.

The implementation of Ten Minutes Monitoring (Mini Baseline) is aimed to monitor the impact of health and hygiene behavior change interventions on diarrhea prevalence in ESP sites. This monitoring is conducted by community health center cadres every six months.



ENDAH SHOFIANI/ESP JAKARTA

**Communities conduct participatory monitoring and impact evaluation. A Women's Group in Petojo, North Jakarta, discusses success indicators to measure their work with ESP.**



ALIFAH SRI LESTARI/ESP JAKARTA

**Community members in Temas, Batu, East Java, review photographs to show the impact of ESP activities on their lives.**

The achievements of Ten Minute Monitoring (Mini Baseline) activities during PY 3 include:

1. Training for community health center cadres on the process of Ten Minutes Monitoring in the five HPPs of North Sumatra, Jakarta, West Java, Central Java and East Java.
2. First round data collection of the monitoring.
3. Data analysis of the first round data collection.

It should be noted that most Ten Minutes Monitoring (Mini Baseline) sites over-lapping with ESP Longitudinal Study sites in order to gain greater impact of ESP for the peoples.



## SECTION 4

# PROJECT MONITORING & EVALUATION

## INTRODUCTION

This section presents charts tracking the progress to date against ESP's indicators as defined in ESP's *Performance Monitoring Plan*.

The chart on the following pages describes the major outcomes, indicators, unit of measurement, target over life of project, cumulative achievements for 2005 and 2006, achievements for 2007 per HPP and as a total, remarks, and cumulative achievement to date for each PMP Outcome. PMP worksheets for each Outcome are provided in Appendix E.

The PMP outcomes described in this section follow the revised outcomes stated in the latest contract modification (#8). The only revisions of the PMP are the wording and the coding of the outcomes. Due to this, the wording of several indicators has also been revised. These revisions do not affect to ESP's current work, overall strategy, or reporting of ESP's past achievements.

The important highlights of Program Year 3 include achievements contributed to Operational Plan (OP) Performance Indicators (written in *Italic*) and other ESP important achievement as follow:

- ✓ 17 collaborative programs implemented with USAID partners;
- ✓ 42 awareness campaigns implemented by ESP and ESP partners;
- ✓ 8,211 participants in ESP trainings and workshops, 27% women;
- ✓ 26 *local policies related to land tenure and community access right developed*;
- ✓ 13,092.15 hectares of degraded land rehabilitated;
- ✓ 64,261 hectares of high conservation value forest under improved local management;
- ✓ 12 watershed management plans developed by ESP and its partners;
- ✓ 152 new community groups practicing improved NRM formed;
- ✓ 20,340 beneficiaries of ESP coastal rehabilitation in Aceh;
- ✓ 8,088 people trained in natural resources and biodiversity conservation and 1,821 people trained through ESP Field Schools;
- ✓ 61,479 households with increased access to clean water and benefiting 249,660 people get access to improved clean water;
- ✓ 4,110 beneficiaries of 13 community based solid waste management systems developed;
- ✓ 190 beneficiaries of 2 small-scale sanitation systems developed;
- ✓ 25,231 people trained in effective hand washing with soap;
- ✓ 17 PDAMs demonstrate an improved operating ratio;
- ✓ 1 regulatory guideline developed to support regulation on municipal bonds;
- ✓ *Kabupaten Bogor bond issuance on progress*;

- ✓ *10 Master Agreements signed by PDAM and local banks and 1426 households get new access to clean water. From these new connection, ESP estimates to leverage \$142,600;*
- ✓ *\$1,102,916.02 of resources leveraged to expand impact of ESP work;*
- ✓ *4 spatial plans developed to support reconstruction of tsunami impacted area in Aceh;*
- ✓ *1 hydrological study completed.*

## ESP ACHIEVEMENT TOWARD PMP OUTCOMES FOR YEAR 2007 BY PROVINCE

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement FY 2007							Cumulative Achievement To Date		
					NAD	NS	WS	DKI/ Nat'	WJ	CJ	EJ		Total	
<b>Component of Program Management (PM): Cross Cutting Theme/Integration</b>														
Outcome #0.a. – Program Collaboration to support the Strategic Objective (SO) of Basic Human Service	Number of integrated program activities between ESP and other USAID Programs	Number of program	10	29	5	3	0	8	0	1	0	17	The detailed information is attached in Appendix E-1.	46 (460%)
Outcome #0.b. – Public Outreach and Communication	a) Number of campaign activities supported by ESP b) Number of campaign supported led by ESP Partners/ stakeholders c) Number of campaign materials developed	a) campaigns by ESP b) campaigns by ESP partners c) set of campaign material	a) 80 b) 40 c) 80	a) 28 b) 17 c) 28	a) 0 b) 1 c) 0	a) 4 b) 3 c) 0	a) 0 b) 0 c) 0	a) 14 b) 0 c) 12	a) 6 b) 2 c) 2	a) 0 b) 6 c) 1	a) 4 b) 2 c) 0	a) 28 b) 14 c) 15	All the campaign activities that are conducted in more than one province are considered as national campaigns and recorded in the DKI/National column. From all campaign activities conducted across the HPPs this year, a total of 1,129,199,853 people were reached through media campaign activities. Detailed information on this is attached in Appendix E-2(a,b,c,d).	56 (70%) 31 (77.5%) 43 (53.75%)
Outcome #0.c. – Participation in ESP trainings and workshops	Number of people that participate in ESP training and workshops	Number of people	12,000 people	11,005 people (average % of women participation: 27.09%) \$564,894.45 to spend for training activities	18,790 people (Average of % of women participation: 54.52%) \$341.315.73 to spend for training activities							18,790 people (average % of women participation : 54.52%) \$341.315.73 to spend for training activities	Detailed information is attached in Appendix E-3.	29,795 people (248.29%) (average % of women participation: 40.81%) \$906.210.18 to spend for training activities

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement FY 2007								Remarks	Cumulative Achievement To Date
					NAD	NS	WS	DKI/ Nat'	WJ	CJ	EJ	Total		
<b>Component of Watershed Management and Biodiversity Conservation (WSM)</b>														
WS Outcome I.a. – The formation of 5 adequate policies 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 right of communities to manage forest land and watershed area	Number of policy	5	0	4	0	N/A	N/A	12	7	3	26	The detailed information on policy development is attached in Appendix E-4.	26 (520%)
WS Outcome I.b. – Improvement in watershed functions in areas supplying water to urban centers and PDAMs as measured by a 50% increase 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	Percentage and Hectare	50% (32,230 ha)	23,008.55	6224	1145.6	125.05		1952	1090	2555.5	13,092.15	The detailed information on achievement of land rehabilitated is attached in Appendix E-5.	36,100.7 (102.21%)
WS Outcome I.c. – Area of forests with high biodiversity conservation value under improved, local management increases by 50%.	Increase forest area with high biodiversity value under improved, local management, presented as percentage and in hectares	Percentage and Hectare	50% (82,650 ha)	32,804.15 * (39.69%)	4832	33682.5	0		10987.5	885.5	13934	64261.5 *	* This figure indicates area under improved management and local involvement.. This figure is a cumulative number calculated from the beginning until this reporting period. The detailed information on the achievement of increased area with high biodiversity and local involvement is attached in Appendix E-6.	64261.5 * (77.75%)
WS Outcome I.d. – In Aceh, improvement in watershed functions with additional focus on the coastal margin directly impacted by the tsunami, as measured by implementation of 15 targeted community-based land rehabilitation activities, benefiting at least 6000 people.	Number of people benefiting from community-based land rehabilitation activities in coastal areas and coastal watersheds impacted by the tsunami	Number of people	5,820	2,840	20,340				N/A			20,340	<ul style="list-style-type: none"> <li>The beneficiaries are from Aceh Besar and Aceh Jaya, who are conducting 8 coastal rehabilitation activities,</li> <li>The detailed information on the achievement is attached in Appendix E-7.</li> </ul>	23,180 (398.28%)

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement FY 2007							Remarks	Cumulative Achievement To Date	
					NAD	NS	WS	DKI/Nat'	WJ	CJ	EJ			Total
<b>Component of Watershed Management and Biodiversity Conservation (WSM)</b>														
WS Outcome I.e. – At least 34 Natural Resources Management and Biodiversity Conservation management plans will be developed and have funds for implementation.	Number of WSM plans actually have funds for implementation	Number of WSM Plans	34	1	3	2	0	N/A	5	1	1	12	The detailed information on achievement of development of WSM plans is attached in Appendix E-8.	13 (38.24%)
WS Outcome I.f. – At least 250 community groups will support and implement activities to improve natural resources management and biodiversity conservation.	Number of community groups implementing activities to improve natural resource management	Number of community groups	250	126	69	22	4		24	15	18	152	This figure indicates new community groups developed during Year 2007 <u>ONLY</u> . However, ESP continues to support community groups from previous years from Year 2005 and 2006. The detailed information on achievement of number of community groups is attached in Appendix E-9.	278 (111.20%)

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement 2007								Remarks	Cumulative Achievement To Date
					NAD	NS	WS	DKI/Nat'	WJ	CJ	EJ	Total		
<b>Component of Service Delivery (SD)</b>														
SD Outcome #2.a. – At least 33 PDAMs demonstrates 20% progress on a PDAM performance monitoring index that reflects technical, financial and managerial performance.	Number of PDAMs providing better services, indicated by the increasing of 20% of PDAM performance index	Number of PDAM	33	20*	3	4	0	0	9	4	5	25	<ul style="list-style-type: none"> <li>• ESP will not continue to work with PDAM in West Sumatra and Manado, due to budget limitations and based on agreement with USAID.</li> <li>• The average % increase of PDAM performance this year is 42.50%, based on the sum off all PDAM performance indexes.</li> <li>• Detailed information on PDAM performance is attached in Appendix E-10.</li> </ul>	29 (87.88%)
SD Outcome #2.b. – Population with access to clean water is increased by 20% in ESP geographic areas except for Aceh. In the tsunami impacted areas of Aceh, population with access to clean water is doubled.	Percent and number of household that benefit from an improved water source	Percentage and Number of Household	20% (Baseline 06/07 is 7,993,790)	a) 6.78% b) 69,257	a) 0.19% b) 3,703	a) 0.69% b) 13,629	a) 0% b) 0	a) 0% b) 0	a) 0.41% b) 7,970	a) 0.09% b) 1,842	a) 1.74% b) 34,335	a) 3.12% b) 61,479	<ul style="list-style-type: none"> <li>• The current baseline has been changed because some PDAM have dropped-out and others have been added.</li> <li>• Detailed information is attached in Appendix E-11.</li> </ul>	c) 9.9% d) 130,736
SD Outcome #2.c. – At least 5 district/municipal sanitation strategies with action plans including but not limited to centralized systems are developed in conjunction with local governments as catalyst for funding.	Number of sanitation strategies with action plans developed and ready to be submitted for funding by (Local and Central) Government, donor and/or other financing possibilities	Number of strategies with action plans	5*	0	N/A	1*	1*	N/A	1*	N/A	2*	5*	<ul style="list-style-type: none"> <li>• ESP identified municipalities to participate in this and is currently working with LG to develop city-wide sanitation strategies and action plans, which will include options for centralized sewerage systems.</li> <li>• All steps will be continued in Year 2008.</li> <li>• Detailed information is attached in Annex E-12.</li> </ul>	5*

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement 2007							Total	Remarks	Cumulative Achievement To Date
					NAD	NS	WS	DKI/ Nat'	WJ	CJ	EJ			
<b>Component of Service Delivery (SD)</b>														
SD Outcome #2.d. – At least 15 community-based 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.	a) Number of community-based solid waste systems developed and implemented b) Number of people benefiting from the community based solid waste systems developed	a) Number of CBSWS developed and implemented b) Number of People benefiting from the CBSWS	a) 15 b) 15,000	a) 2 b) 2635	a) 0 b) 0	a) 0 b) 0	N/A	a) 0 b) 0	a) 1 b) 500	a) 4 b) 1520	a) 8 b) 2090	a) 13 b) 4110	<ul style="list-style-type: none"> <li>This figure presents the completed CBSWM systems across the HPPs.</li> <li>In addition to the figures reported here, there are 23 more on-going CBSWM systems that will be continued next year.</li> <li>Detailed information is attached in Appendix E-13.</li> </ul>	a) 15 (100%) c) 6745 (44,97%)
SD Outcome #2.e. – At least 25 community-based small scale sanitation 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.	a) Number of small scale sanitation systems (SSSS) developed and implemented b) Number of people benefiting from small scale sanitation system	a) Number of SSSS developed & implemented b) Number of People benefiting from SSSS	a) 25 b) 12,500	a) 2 b) 680	a) 1 b) 90	a) 1 b) 100	a) 0 b) 0	a) 0 b) 0	a) 0 b) 0	a) 0 b) 0	a) 0 b) 0	a) 2 b) 190	<ul style="list-style-type: none"> <li>This figure presents the completed SSSS across the HPPs.</li> <li>In addition to the figures reported here, there are 20 more on-going SSSS that will be continued next year.</li> <li>Two SSSS in Aceh Barat were destroyed by a big wave that hit in March 2007 and these two systems will not be continued.</li> <li>Detailed information is attached in Appendix E-14.</li> </ul>	a) 4 (16%) c) 780 (6,96%)
SD Outcome #2.f. – The precursors needed to impact childhood diarrhea (clean water, sanitation, and behavior change) are contributed to the BHS effort to reduce in the incidence of childhood diarrhea and mortality.	a) Percent increased of household that adopted adequate health and hygiene practices within ESP project sites b) Number of school that adopted CGH concept c) Number of people trained in effective hand washing with soap	a) Percent increased b) Number of school c) Number of people	a) 20% b) 60 c) 80,000	a) N/A b) N/A c) 27,990	a) N/A b) NA c) 0	a) N/A b) NA c) 6,074	a) N/A b) NA c) 0	a) N/A b) NA c) 0	a) N/A b) NA c) 11,453	a) N/A b) NA c) 2,166	a) N/A b) NA c) 5,538	a) N/A b) NA c) 25,231	<ul style="list-style-type: none"> <li>Progress related to achieve the outcome a is based on the Ten Minutes Monitoring/Mini Baseline that was conducted in February and September 2007. The data analysis process is still ongoing. The results of this achievement will be submitted separately.</li> <li>The Achievement of outcome b will be completed in the following year.</li> </ul>	a) N/A b) N/A c) 53,221 (66.53%)

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement 2007							Remarks	Cumulative Achievement To Date	
					NAD	NS	WS	DKI/Nat'	WJ	CJ	EJ			Total
<b>Component of Environmental Services Finance (FN)</b>														
FN Outcome #3.a. – At least 30 PDAMs individually demonstrate an improved operating ratio and those in default of old SLA and RDA debts are assisted in the preparation and submission of proposals to restructure outstanding debt.	a) Number of PDAMs demonstrating an improved operating ratio b) The number of PDAMs that were in default of SLA and RDA debts and are assisted in the preparation and submission of proposals to restructure outstanding debt	Number of PDAM Number of PDAM	a) 30 b) 5	0 0	2 0	a) 2 b) 0	N/A	N/A	7 0	a) 3 b) 0	3 0	17* 0**	*) This figure represents the latest data on the operating ratio (OR) of ESP's PDAM partners. Thus, through PY3, 17 PDAM have demonstrated an increased OR. The OR will be evaluated every six months until the completion of ESP's assistance to a given PDAM. **) ESP support for submission of debt restructuring proposals is based on the receipt of a written request from our PDAM partners. This year, ESP supported 3 PDAM on debt restructuring and these three PDAM have achieved 25% of the total process for preparing debt restructuring proposals. Detailed information is attached in Appendix E-15 (a and b).	17* (56,67%) 0 (0%)
FN Outcome #3.b. – An improved enabling environment for domestic investment and borrowing as indicated by the adoption of at least one ESP-assisted central government regulatory guideline.	Number of regulatory guidelines developed with ESP assistance that improve the enabling environment for domestic investment and borrowing	Number of regulatory guidelines	1	0	N/A	N/A	N/A	1	N/A	N/A	N/A	1	ESP worked with the Ministry of Finance and Regional USAID Program ECO-Asia to strengthen PMK No. 147/PMK.07/2006 on municipal bond and develop the technical guidelines of the regulation. Detailed information is attached in Appendix E-16.	1 100%)
FN Outcome #3.c. – At least 10 PDAMs or local governments are assisted in the development of plans to access commercial financing through DCA or other means.	Number of financing plans developed in cooperation with PDAMs or local governments to access commercial financing through DCA or other means	Number of financing plans	10	0	0	0	N/A	N/A	0	0	0	0	ESP's support to develop plans to access commercial financing is still on-going for 10 for PDAM in WJ, CJ and EJ. The 10 PDAM have achieved 17-92% of the total process of developing plans to access alternative finance. ESP's support for this will continue next year. Detailed information is attached in Appendix E-17.	0 (0%)

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement 2007							Remarks	Cumulative Achievement To Date	
					NAD	NS	WS	DKI/Nat'	WJ	CJ	EJ			Total
<b>Component of Environmental Services Finance (FN)</b>														
FN Outcome #3.d. – At least 1 local government, province, or PDAM is assisted in the preparations for issuance of a revenue bond.	Number of local government, province or PDAM is assisted in the preparations of a revenue bond	Number of local government, province or PDAM	1	0	N/A	N/A	N/A	N/A	0	N/A	N/A	0	ESP continues to support PDAM Kab Bogor on bond issuance. ESP has completed 6.5 out of 7 steps (93%) of the bond issuance process as defined in ESP's PMP. This support will continue next year. Detailed information is attached in Appendix E-18.	0 (0%)
FN Outcome #3.e. – At least 12 micro-credit program are established with PDAMs and local banks, resulting in the connection of at least 100,000 low-income persons to the water supply network.	a) Number of Master Agreements signed by PDAM and local bank on micro credit program b) The number of new household connections as a result of micro-credit programs	a) Number of Master Agreements signed by PDAM and local bank on micro credit program b) Number of household connection	a) 12 b) 20,000	a) 2 b) 0	N/A N/A	a) 0 b) 0	N/A N/A	a) N/A b) N/A	a) 3 b) 15	1 0	a) 6 b) 1411	10 1426	Each Master Agreement signed PDAM and local bank always followed by other activities such as internal training for PDAM and local bank staff and promotion of the micro credit program as one of package of development of micro-credit program. This package is set to support the achievement of the second indicator on number of household connection. Detailed information is attached in Appendix E-19.	a) 12 (100%) b) 1426 (7.13%)
FN Outcome #3.f. – At least four 'payment for environmental services' arrangements are implemented in ESP priority watersheds. (Refer to Task 1.5 of Watershed Management and Biodiversity Conservation).	Number of 'Payment for Environmental Services' arrangements implemented	Number of 'Payment for Environmental Services'	4	0	N/A	0	N/A	N/A	0	0	0	0	Currently, ESP continues to work on the development of PES for 4 watersheds in North Sumatra, West Java, Central Java and East Java. The PES development has achieved 30-80% of the total process in the 4 watersheds. This work will continue next year. Detailed information is attached in Appendix E-22.	0 (0%)
FN Outcome #3.g. – At least \$15 million USD is leveraged to expand the impact and geographic coverage of ESP. Of this amount, at least \$10 million USD is leveraged in Aceh."	Amount (\$) of funding leveraged from public or private sector to expand the impact of ESP outcomes in Aceh and all HPPs Number of PPP developed to expand the impact of ESP outcomes in Aceh and all HPPs	a) \$ amount leveraged b) Number of PPP	c) 12 Million USD d) 50 PPP	14,215,200 31	a) 82,900 b) 6	a) 783,335.79 b) 8	N/A N/A	a) N/A b) N/A	1,111 1	a) 173,04 4.4 5 b) 7	62,524.7 8 16	a) 1,102,916.02 b) 38	Detailed information is attached in Appendix E-21.	15,318,116.02 (102.12%) 69 (138%)

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement 2007							Remarks	Cumulative Achievement To Date
					NAD	NS	WS	DKI/Nat'	WJ	CJ	EJ		
<b>Component of Environmentally Sound Design and Implementation (EN)</b>													
EN Outcome #4.a. – At least 4 spatial plans at the district and/or kota 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	Number of spatial plans	4	2	2				N/A		4	<ul style="list-style-type: none"> <li>In 2006, two spatial plans were developed in Meulaboh (Aceh Barat) to support the construction of housing complexes in Meurebo.</li> <li>Another two spatial plans were developed in Year 2007: 1) Water delivery system layout plan in Pante Kuyuen, Laguen, Aceh Jaya; and 2) Development of grand strategy for implementation of spatial plans in Lhoknga Sub-district, Aceh Besar.</li> </ul>	4 (100%)
EN Outcome #4.b. – A forum/network of donor, GOI and NGO water/sanitation/infra structure/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	Number of forum/network	1	N/A	3*				N/A		3*	*) Currently, ESP participates actively in three forums on the topics of water and sanitation (2 forums) and environment (1 forum). The forums are: 1. Watsan Forum: initiated by UNICEF and ESP. Now this forum is led by BRR 2. Environmental Forum: led by Bappedalda and GTZ 3. Pokja Watsan: initiated by UNICEF and led by Bappeda.	3* (300%)*
EN Outcome #4.c. – Hydrological study completed and disseminated widely for selected geographical areas.	a) Number of hydrological study conducted b) Number of activities on dissemination of results of the hydrological study	a) Number of hydrological study b) Number of workshop	a) 1 b) 1	N/A	1. 1 2. 1				N/A	1. 1 2. 1	<ul style="list-style-type: none"> <li>After the completion of the study, the results were distributed through the forum that ESP is actively involved with.</li> <li>The dissemination workshop of this study was conducted on 22 March, 2007.</li> </ul>	a) 1 (100%)  b) 1 (100%)	

PMP Outcome	Indicator	Unit of Measurement	Target Over the life of Project	Total Achievement 2005 & 2006	Total Achievement 2007							Remarks	Cumulative Achievement To Date
					NAD	NS	WS	DKI/Nat'	WJ	CJ	EJ		
<b>Component of Environmentally Sound Design and Implementation (EN)</b>													
EN Outcome #4.d. – Technical assistance to other USAID contractors/grantees in mitigating environmental and social impacts upstream and downstream associated with post-tsunami rehabilitation and reconstruction projects completed.”	Number of USAID contractors/grantees received ESP assistance in mitigating environmental and social impacts upstream and downstream associated with post-tsunami rehabilitation and reconstruction projects	Number of USAID contractors or grantees	2	N/A	2				N/A		2	ESP supported two USAID contractors’ programs, as follows: a) IOM: Conducting village development program for returned GAM members in Aceh Tenggara. ESP provided technical assistance related to development of sanitation systems. b) HSP: Health Facility Reconstruction. ESP provided technical assistance for reconstruction of 9 health facilities in Aceh Barat, Aceh Jaya and Aceh Besar. Technical assistance was focused on assessment of facilities and development of designs for their water and sanitation. Finally, ESP advised HSP on Environmental Initial Assessment (EIA) requirements and provided relevant materials.	2 (100%)



# APPENDICES

APPENDIX A: PROGRAM EVENTS (UP TO SEPTEMBER 2007)

APPENDIX B: SHORT-TERM TECHNICAL ASSISTANCE  
(THROUGH SEPTEMBER 2007)

APPENDIX C: REPORTS AND PUBLICATIONS

APPENDIX D: SMALL GRANTS PROGRAM  
(AS OF SEPTEMBER 30, 2007)

APPENDIX E: SUMMARY OF ACHIEVEMENTS



## APPENDIX A: PROGRAM EVENTS (UP TO SEPTEMBER 2007)

**Project Name: Environmental Services Program (ESP) Indonesia**  
**Project Number: 497-M-00-05-00005-00**

Year	Title	Location	Start Date	End Date	Days	Participants	% Female
2006	National - Training of Trainers conservation vilages facilitator from 20 national park model	Balibang Pertanian Ciawi dan Desa Kebun Peteuy - TNGP	10/1/2006	10/8/2006	8	56	14.30%
	Gading Green and Clean Competition 2006	RW 17 Kelurahan gading, Tambak Sari Surabaya	10/1/2006	12/31/2006	90	97	75.30%
	NAD/SUPPORT COMMUNITY JRUEK BALEE DALAM PENGEMBANGAN PUPUK ALAMI (KOMPOS )	Jruek Balee Village	10/1/2006	12/31/2006	90		NA
	Support community activity in improved NRM through compos development	Jruek Balee	10/1/2006	12/31/2006	90	8	NA
	Media Relation Training For Community and NGO Grantee	Karo, Deliserdang dan Medan	10/2/2006	12/9/2006	6	26	15.40%
	Quarterly Report I, Water Quality Monitoring of PDAM Tirta Meulaboh	PDAM	10/2/2006	12/29/2006		7	0.00%
	Quarterly Report I, Water Quality Monitoring of PDAM Tirta Mountala	Siron II, Aceh Besar	10/2/2006	12/29/2006	90	2	0.00%
	Quarterly Report I, Water Quality Monitoring of PDAM Tirta Daroy, Banda Aceh	Lambaro, PDAM Tirta Daroy	10/2/2006	12/29/2006	90	4	0.00%
	In-depth interview with community and local government representatives on watsan and health and hygiene status in Kalijaya	Cikarang Barat, Bekasi	10/2/2006	10/6/2006	5	8	NA
	KAP Qualitative Survey	RW 07, Kampung Wangkal, Desa Kalijaya	10/4/2006	10/6/2006	3	30	100
	FGD Kampanye bangga melestarikan alam	Saree and Jantho	10/7/2006	10/13/2006	7	39	33.30%
	Kebutuhan Material Kampanye Health Hygiene	Medan, Deli Serdang, Karo	10/9/2006	11/6/2006	29		NA
	Training Media Relation for Community and NGO Grantee	Berastagi, Tanah Karo	10/9/2006	10/10/2006	2	10	20.00%

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NAD/FGD Kampanye bangga melestarikan alam di Kec.Leupung	I. FGD I : Meunasah Gampong Naga Umbang 2. FGD II : Meunasah Gampong Nusa 3. FGD III : Meunasah Gampong Lamseunia 4. FGD IV : Meunasah Gampong Deyah Mamplam 5. FGD V : Meunasah Gampong Meunasah Bak U 6. FGD VI : Meunasah Gampong PulotMeunasah Desa Lamseunia	10/9/2006	10/21/2006	13	34	0.00%
SLA Assessment In sub-districts of Lhoong, Saree, Indrapuri and Jantho, Aceh Besar		10/10/2006	10/12/2006	3		NA
Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kab Karo	Unit Kabanjahe PDAM Tirta Malem Kab Karo	10/10/2006	10/12/2006	3	11	18.20%
Pilot training for Posyandu Cadres on the Implementation of Ten Minute Monitoring	Sukomakmur Village, Kajoran Sub-district of Magelang District	10/12/2006	10/13/2006	2	16	68.70%
Site Visit for data collecting and stakeholder identification in Medan, Deli Serdang and Karo Districts		10/12/2006	10/18/2006	7	19	100.00%
NAD/Kr. Raba Clean-up		10/15/2006	12/30/2006	76	40	12.50%
Pelatihan Kader Lingkungan Pondok Pesantren Modern Muhammadiyah Paciran, Lamongan	TPQ Pondok Modern Muhammadiyah Paciran, Lamongan	10/16/2006	11/21/2006	35		NA
Kick Off Meeting and Awareness Raising	Musholla Al Husni Kalijaya	10/16/2006	10/16/2006	1	46	50.00%
Training of Transmission and Distribution Network System Analysis For Unit Stabat PDAM Tirta Wampu Kabupaten Langkat	Unit Stabat PDAM Tirta Wampu Kab Langkat	10/17/2006	10/19/2006	18	7	0.00%
Workshop on Sustainable Sanitation	Oxfam's premises Meulaboh	11/2/2006	11/15/2006	1	85	20.00%
Community Group Establishment in Sukadamai	Desa Sukadamai	11/4/2006	11/5/2006	2	20	0.00%
Community Group Establishment in Sukamakmur	Dusun Sukamakmur	11/4/2006	11/5/2006	2	43	0.00%
Participatory FGD (Mini-PHAST adopted) methodology	Dusun Wangkal, Desa Kalijaya	11/4/2006	11/12/2006	4		NA
water and health campaign for street children	Code river, south of Gondolayu	11/5/2006	11/5/2006	1	50	40.00%
Praktek Lapangan Pengembangan Pembibitan Multi Purpose Tree Spesies (MPTS) untuk Rehabilitasi Hutan di wengkon LMDH Desa Gunungsari, Punten dan Tulungrejo, Kota batu (continued Program)	Tulungrejo Village, Kec. Bumiaji, Batu Municipality	11/6/2006	12/30/2006	60	25	0.00%
Preliminary Survey for Development of Community Based Solid Waste Management in Sunggal & Sei Mati	Sunggal	11/6/2006	11/26/2006	20	29	100.00%
Rapid Assessment Field School in DAS Kr. Aceh	Seulimum, Jantho dan Indrapuri	11/6/2006	11/11/2006	6		NA
Preliminary Survey for Development of Community Based Solid Waste Management in Sunggal & Sei Mati	Sei Mati	11/6/2006	11/26/2006	20	24	62.50%
Kampanye Peduli air Bumiayu	Sigeduk, Bumiayu, Magelang	11/6/2006	11/6/2006	1	177	56.50%

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Community Group Establishment in Pulot	Pulot	11/6/2006	11/16/2006	11	15	0.00%
Community Group Establishment in Meunasah Bak U	Meunasah Bak U	11/6/2006	11/16/2006	11	20	0.00%
Community Group Establishment in Meunasah Mesjid	Meunasah Mesjid	11/6/2006	11/16/2006	11	24	16.70%
Training Media Relation for Community and NGO Grantee	Desa Sikeben, Sibolangit, Deliserdang	11/6/2006	11/7/2006	2	8	0.00%
Preparation for Regional Air Baku	Ciater Spa, Subang	11/7/2006	11/7/2006	1	7	0.00%
Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kab Karo	Unit Kabanjahe PDAM Tirta Malem Kab Karo	11/7/2006	11/9/2006	18	10	10.00%
Seminar dan Diskusi Rencana Aksi Pelestarian Sungai Deli di Fakultas Pertanian USU Medan	Fakultas Pertanian USU Medan	11/9/2006	11/9/2006	1	83	42.20%
ESP WSM Field School Workshop	ESP Jakarta Office	11/9/2006	11/10/2006	2	19	15.80%
NAD/Meeting Koordinasi Program Rehabilitasi Pesisir di Lamseunia , Kec. Leupung Kab. Aceh Besar	Lamseunia	11/9/2006	11/9/2006	1	25	0.00%
NAD/Lokakarya Koordinasi Program Rehabilitasi Pesisir di Lam Seunia	Lamseunia	11/9/2006	11/9/2006	1	25	0.00%
Survey for planning water clean in Padaluyu Village	Padaluyu Village, Cianjur District	11/9/2006	11/25/2006	14		NA
Survey for planning water clean supply in Sukanagalih Village	Sukanagalih Village, Cianjur District	11/9/2006	11/25/2006	14		NA
Survey for planning water clean supply in Sukatani Village	Sukatani Village, Cianjur District	11/9/2006	11/25/2006	14		NA
Survey for planning water clean supply in Mekarjaya Village		11/9/2006	11/25/2006	14		NA
Additional Work Puskesmas Phase II	Pangoraya & Lambhuk Banda Aceh and Cot Jeumpa Lhoong Aceh Besar	11/12/2006	12/18/2006	30		NA
NAD/Coastal Rehabilitation in Desa Meunasah Mesjid	Desa Meunasah Mesjid	11/13/2006	11/30/2006	18	10	0.00%
NAD/Coastal Rehabilitation in Deah Mamplam	Desa Deah Mamplam	11/13/2006	11/30/2006	18	10	NA
NAD/Coastal Rehabilitation in Desa Pulot	Desa Pulot	11/13/2006	11/30/2006	18	10	0.00%
NAD/Coastal Rehabilitation in Meunasah Bak U	Desa Meunasah Bak U	11/13/2006	11/30/2006	18	10	NA
NAD/Establishment of Community Group in Nusa	Desa Nusa	11/13/2006	11/30/2006	18	15	66.70%
CBSWM Work Plan Preparation On Desa Cijambe Kabupaten Subang	Desa Cijambe kab. Subang	11/14/2006	11/15/2006	1	25	72.00%
Saresehan 1 Hari tentang Sekolah Bersih dan Hijau di Klaten	Hotel Galuh, Prambanan, Klaten	11/14/2006	11/14/2006	1	22	22.70%
Internal Training on Micro Credit Procedures in Kota Malang	Kantor PDAM Kota Malang	11/14/2006	11/14/2006	1	30	26.70%
Water Quality Training, DelAgua	Banda Aceh and Aceh Besar	11/15/2006	11/16/2006	2	9	44.40%
Training on community mapping in Tongkoh, Berastagi	Barus Jahe	11/15/2006	11/16/2006	2	17	5.90%

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NAD/Training on community facilitator for coastal rehabilitation	Desa Meunasah Mesjid	11/16/2006	11/23/2006	8	28	0.00%
NAD/Training on community facilitator for coastal rehabilitation	Desa Meunasah Mesjid	11/16/2006	11/23/2006	8	34	0.00%
NAD/Community Group Establishment in Deah Mamplam	Deah Mamplam	11/16/2006	11/24/2006	9	34	0.00%
Internal Training on Micro Credit Procedures in Sidoarjo	Kantor PDAM Kabupaten Sidoarjo	11/16/2006	11/16/2006	1	23	13.00%
MMC Clean Water for better health	ESP Office	11/17/2006	12/31/2006	35	40	27.50%
Road-show; formative research result presentation	ESP office and each stakeholders' offices in Bandung	11/17/2006	12/13/2006	28	68	38.20%
Mengulas Perilaku Hidup Higinitas Masyarakat Miskin Indonesia sebagai Upaya Menurunkan Kejadian Diare	ESP Surabaya East Java office	11/17/2006	11/17/2006	1	4	75.00%
Mengulas perilaku higinitas masyarakat miskin Indonesia untuk menekan kejadian di diare	ESP Surabaya office	11/17/2006	11/17/2006	1		NA
NAD/Survey Pra Kampanye di Kecamatan Leupung	Kemukiman Leupung dan Lhong	11/17/2006	12/6/2006	20		NA
World Water Quality Monitoring Day	Gudang Peluru, Tebet, Jakarta Selatan	11/18/2006	11/19/2006	2		NA
Training on PDAM Budgeting for PDAM staffs of Aceh Barat	ESP Office Meulaboh	11/20/2006	11/25/2006	5	8	12.50%
Training for Posyandu cadre on Mlni Baseline/Ten Minute Monitoring	ESP Regional Office in North Sumatra, West Java, East Java and Jakarta	11/20/2006	12/15/2006	3	86	95.30%
MMC - Multi Media Campaign	Medan dan Tanah Karo	11/21/2006	12/11/2006	21		NA
Training of Transmission and Distribution Network System Analysis For Unit Stabat PDAM Tirta Wampu Kabupaten Langkat	Unit Stabat PDAM Tirta Wampu Kab Langkat	11/21/2006	11/23/2006	18	16	6.30%
Interactive in Radio for MMC - Multi Media Campaign	Medan dan Tanah Karo	11/21/2006	12/11/2006	21		NA
Seminar for MMC - Multi Media Campaign	Medan	11/21/2006	12/11/2006	21	35	31.40%
Development Detail Engineering Design Septic Tank Communal In Sei Mati, Sub District Medan Maimun, Medan City	Kelurahan Sei Mati	11/22/2006	12/2/2006	11		NA
Studi Banding SDN 2 dan SDN 3 Somopuro-Klaten ke SDN Ungaran I Yogyakarta	SD Ungaran I - Yogyakarta	11/22/2006	11/23/2006	2	4	0.00%
Lokakarya CommunityvOrganizers untuk CBSWM	ESP Yogya Office	11/22/2006	11/23/2006	2	12	50.00%
Survey Pra Kampanye	Kec. Lembah Seulawah and Kec. Kota Jantho	11/22/2006	11/24/2006	3	376	NA
Sosialisasi Sekolah Lapangan (SL) di desa Lampuuk	Lampuuk, Lhoknga	11/24/2006	12/1/2006	2	37	27.00%
Sosialisasi Sekolah Lapangan (SL) di desa Lampuuk	Lampuuk, Lhoknga	11/24/2006	12/1/2006	2	37	27.00%
Pembentukan Community Group di Desa Bueng	Desa Bueng	11/24/2006	11/29/2006	6	30	36.70%
Fasilitasi Pertemuan untuk Perluasan Rehabilitasi Pantai Sawang	Sawang	11/24/2006	12/24/2006	30	50	0.00%

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Workshop I Perdes Jruek Balee-Concensus for policy development	Jruek Balee	11/25/2006	12/25/2006	1	25	0.00%
NAD/Perawatan Vegetasi Pantai di Dusun Babah Ngom	Dusun Babah Ngom, Sawang	11/25/2006	12/25/2006	30	20	20.00%
QR7/Monev of Coastal Rehabilitation Program in Sawang	Sawang	11/26/2006	12/4/2006	9		NA
Pembentukan Community Group di Krueng Lam Kareung	Krueng Lam Kareung	11/26/2006	11/29/2006	4	27	40.70%
Consigneering Meeting on draft PMK and SOP for MoF Regulation on Municipal Bond	Hotel Aston Jakarta	11/27/2006	11/27/2006	1	33	36.40%
Lomba Melukis Tingkat Sekolah Dasar dan Kuis Konservasi se-Kodya Medan dan Sekitarnya	Medan	11/27/2006	11/29/2006	3		NA
Lomba Melukis Tingkat Sekolah Dasar dan Kuis Konservasi se-Kodya Medan dan Sekitarnya	Medan	11/27/2006	11/29/2006	3		NA
Lomba Melukis Tingkat Sekolah Dasar dan Kuis Konservasi se-Kodya Medan dan Sekitarnya	Medan	11/27/2006	11/29/2006	3		NA
Sarasehan Penyusunan Rencana Aksi Para Aktor dan Pembentukan Team Monev untuk mendukung GIRAB di Kecamatan Bumiaji dan rehabilitasi hutan dan lahan kritis di Kota Batu	Bumiaji	11/29/2006	11/29/2006	1	151	10.60%
Water Testing Day SDN Ungaran I Yogyakarta	SDN Ungaran I Yogyakarta	11/30/2006	12/1/2006	2	145	58.60%
Internal Training on Micro Credit Procedures in Surabaya	Kantor PDAM Surabaya	11/30/2006	11/30/2006	1	60	25.00%
Support SRI Development in Kemukiman Jruek	Kemukiman Jruek	11/30/2006	11/30/2006	1	30	50.00%
NAD/Krueng Sarah River Rehabilitation in Lam Seunia	Lam Seunia	12/1/2006	12/12/2006	12	15	NA
FGD for Reconstruction of comunal Sanitation in Lamkreut December, 1 to 31 2006		12/1/2006	12/31/2006	31	17	64.70%
constructing of comunal sanitation by natural wetland system in lamkreut December, 1 to 31 2006		12/1/2006	12/31/2006	31	22	72.70%
NAD/Land Rehabilitation in Jruek Balee	Jruek Balee	12/1/2006	12/20/2006	20	300	33.30%
NAD/ Land Rehabilitation in Jruek Bak Kreeh	Jruek Bak Kreeh	12/1/2006	12/30/2006	20		NA
Kaji Ulang Desa Untuk Program Rehabilitasi di Cianjur	Desa Sukanagalih, Kec. Pacet, Kab Cianjur	12/1/2006	12/5/2006	5		NA
Sadar lingkungan dengan menanam pohon untuk Program Rehabilitasi di Cianjur	Desa Sukanagalih, Kecamatan Pacet, Kabupaten Cianjur	12/1/2006	12/9/2006	8		NA
Sadar lingkungan dengan menanam pohon untuk Program Rehabilitasi di Cianjur	Desa Sukanagalih, Kecamatan Pacet, Kabupaten Cianjur	12/1/2006	12/9/2006	8		NA
Sadar lingkungan dengan menanam pohon untuk Program Rehabilitasi di Cianjur	Desa Sukanagalih, Kecamatan Pacet, Kabupaten Cianjur	12/1/2006	12/9/2006	8		NA
Pembentukan Community Group di Desa Ulee U	Meunasah Desa Ulee U	12/1/2006	12/1/2006	1	25	48.00%
NAD/Land Rehabilitation in Ulee U, Lam Siot and Mon Alue	Ulee U, Lamsiot, Mon Alue	12/1/2006	12/23/2006	23		NA
Pembentukan Community Group di Kp. Seulumum	Menasah Desa Kp. Seulumum	12/2/2006	12/2/2006	1	25	84.00%

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Menyusuri DAS Brantas:	Mergosono river bank	12/2/2006	12/2/2006	1		NA
On The Job Training MPA for American Red Cross Facilitator	Gapang, Kotamadya Sabang	12/3/2006	12/9/2006	6	27	40.70%
Follow up TAMIS Training for ESP Jakarta Team	ESP Large Conference Room in Jakarta Office	12/4/2006	12/12/2006	9	28	50.00%
NAD/ Land Rehabilitation in Grot Blang	Grot village	12/4/2006	12/20/2006	15		NA
Training on PDAM Budgeting for PDAM staffs of Banda Aceh and Aceh Besar	ESP Office Banda Aceh	12/4/2006	12/8/2006	5	16	25.00%
Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kab Karo	Unit Kabanjahe PDAM Tirta Malem Kab Karo	12/5/2006	12/7/2006	18	10	20.00%
Danareksa Review on PDAM Kabupaten Bogor's Capital Investment Financing	PDAM Kabupaten Bogor	12/5/2006	12/26/2006	1	35	20.00%
Transect & participatory mapping 2	Sunggal & Sei Mati	12/6/2006	12/15/2006	9		NA
Monitoring I Padi SRI	Kemukiman Jruek	12/6/2006	12/6/2006	1		NA
round-table discussions (LSM and Press of West Java) under MMC "Clean Water for Better Health	K3A sekretariat,	12/7/2006	12/7/2006	1	50	64.00%
Workshop of MCK with Waste Water Treatment	Gang Lampu I, Kelurahan Kampung Baru, Kecamatan Medan Maimun, Kota Medan	12/7/2006	12/7/2006	1	31	16.10%
Workshop II Perdes Jruek Balee-Social Aspect	Jruek Balee	12/7/2006	12/7/2006	1	25	0.00%
National Level of Watershed Management Discussion	Manggala Wanabakti, Jakarta	12/8/2006	12/8/2006	1	30	23.30%
NAD/ Rehabilitasi Daerah tangkapan Air Alur Mancang, Sukadamai	Desa Sukadamai	12/8/2006	12/23/2006	16	10	NA
Public Discussion	Kec. Medan Belawan	12/9/2006	12/10/2006	2		NA
Journalis Visit for MMC #6	Kec. Medan Belawan	12/9/2006	12/10/2006	2		NA
NAD/Rehabilitasi riparian zone Sungai Krueng Keumireu, Jantho Baru-Ulumasen	Jantho Baru	12/10/2006	11/30/2006	20	10	NA
Rehabilitasi riparian zone Sungai Krueng Keumireu, Jantho Baru-Ulumasen	Krueng Keumireu-Ulu Masen Jantho Baru	12/10/2006	12/25/2006	15	10	NA
Transect & participatory mapping I	Sei Mati	12/11/2006	12/19/2006	9	21	23.80%
Field School Socialization Workshop in Subang	Lokasi penanaman pohon Hutan Kota Ranggawulung Subang	12/11/2006	12/13/2006	3	16	81.20%
Community Group Establishment in Jantho Lama	Jantho Lama	12/11/2006	12/18/2006	8	27	0.00%
Community Group Establishment in Wue	Meunasah Desa Wue	12/11/2006	12/18/2006	8	36	0.00%
Training of Transmission and Distribution Network System Analysis For Unit Stabat PDAM Tirta Wampu Kabupaten Langkat	Unit Stabat PDAM Tirta Wampu Kab Langkat	12/11/2006	12/13/2006	18	15	13.30%
Training on community mapping in Puangaja, Sibolangit	Puangaja, Sibolangit	12/12/2006	12/13/2006	2	34	50.00%

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	Round-table Discussion with Indonesian Journalists' Association of West Java	PWI meeting room in Jl. Asia Afrika, Bandung	12/13/2006	12/13/2006	1	48	39.60%
	Refreshing Training on BCI for posyandu cadres	Tamansari	12/14/2006	12/14/2006	1	21	85.70%
	Media visit to the field	Banjaran, Kab. Bandung	12/14/2006	12/14/2006	1	28	35.70%
	FGD Evaluasi Kemajuan Pekerjaan Community Based Water Supply Systems	Meunasah Dusun Blang Lambaro, Desa Saree Aceh	12/14/2006	12/14/2006	1	7	0.00%
	Workshop III Perdes Jruek Balee-Environment aspect	Jruek Balee	12/14/2006	12/14/2006	1	25	0.00%
	Supervision Constructed Communal Sanitation by Natural Wetland System in Lamkruet, Aceh Besar	Lamkruet Village, Aceh Besar	12/15/2006	12/25/2006	11	22	72.70%
	Opini/article writing for mainstream local media	Bandung	12/16/2006	12/30/2006		6	16.70%
	Dialog Publik Finalisasi : Revisi UU No. 5 tahun 1990 - biodiversity conservation act	Ibis Hotel - Jakarta	12/18/2006	12/19/2006	2	48	25.00%
	Media discussion about water quality and health	Yogyakarta	12/18/2006	12/22/2006	1	10	NA
	Training Media Relation for Community and NGO Grantee	Medan, Sumatera Utara	12/18/2006	12/19/2006	2	8	25.00%
	Internal Training on Micro-credit Procedures in Kabupaten Bandung	Kantor PDAM Kabupaten Bandung	12/19/2006	12/19/2006	1	31	25.80%
	Sosialisasi program dan pembentukan Tim Monitoring	SDN 2 Somopuro, Jogonalan, Klaten	12/20/2006	12/20/2006	1	24	50.00%
	Sosialisasi program PABM	Desa Bambusari, Kec. Kajoran	12/20/2006	12/20/2006	1		NA
	Support to lurching of program "Bulan Bakti Gotong Royong se Kabupaten Subang"	Desa Gunung Sari Kab. Subang	12/20/2006	12/29/2006	7		NA
	Internal training on Micro Credit Procedures in Kota Sukabumi	Kantor PDAM Kota Sukabumi	12/21/2006	12/21/2006	1	23	4.30%
	FGD Perencanaan Pembangunan Sarana Air Bersih dan Sanitasi	Pondok Pesantren Darul Hikmah, Penagen Rayauk, Meureubo, Aceh Barat	12/22/2006	12/22/2006	1		NA
	Supervision Constructed Communal Sanitation System, Meureubo Village, Aceh Barat	Meureubo Village, Aceh Barat	12/26/2006	12/30/2006	5		NA
	Portable hand washing station	Cijambe	12/29/2006	12/29/2006	1		NA
<b>2007</b>	Simpul Belajar di 3 (tiga) Lokasi DAS Kota Padang (Tindak Lanjut dari Hasil Penjajakkan Partisipatif Forum PEDAS, Menyokong Terbentuknya Sekolah Lapangan Agroforestry dan Sekolah Lapangan Kebersihan dan Kesehatan)	Kota Padang	2/1/2006	1/31/2007	365		NA
	Census Customer & Non-customer of PDAM Banda Aceh (General Activities)	Kota Banda Aceh	4/21/2006	1/25/2007	122		NA
	Corporate Plan of PDAM Tirta Mountala, Kabupaten Aceh Besar	PDAM Office	7/5/2006	4/23/2007	10	6	33.30%
	Focus Group Discussion on identification of watsan facilities in Meuraxa	Meuraxa Sub-district	8/1/2006	1/6/2007	145		NA

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PENGEMBANGAN SEKOLAH LAPANGAN PERTANIAN PADI YANG HEMAT AIR DAN EKOLOGIS (SRI) DI DAERAH PRODUKSI PADI DI DAS DELI	Deli Serdang District	8/20/2006	4/30/2007	144		NA
PENGEMBANGAN SEKOLAH LAPANGAN PERTANIAN PADI YANG HEMAT AIR DAN EKOLOGIS (SRI) DI DAERAH PRODUKSI PADI DI DAS DELI	Deli Serdang District	8/20/2006	4/30/2007	144		NA
NAD/ Community Nursery Development and Land Rehabilitation	Desa Sawang	9/1/2006	4/15/2007	153		NA
Field Activities For NRW Reduction at Pilot Area- Kelurahan Isola-Ledeng, PDAM Kota Bandung		10/1/2006	1/31/2007	60		NA
Discussion and ESP exhibition to support Forest and Land Rehabilitation Participative Program and environmental management Program in Cianjur	Lobby Utama Manggala Wanabakti, Jakarta	10/1/2006	1/31/2007	3		NA
Discussion and ESP exhibition to support Forest and Land Rehabilitation Participative Program and environmental management Program in Cianjur	Lobby Utama Manggala Wanabakti, Jakarta	10/1/2006	1/31/2007	3		NA
Perencanaan Aksi untuk Pelestarian Tahura R Soerjo	Batu, Mojokerto, Pasuruan	10/14/2006	1/13/2007	90	77	3.90%
Focus Group Discussion (FGD) at all RTs in Kepanjen Kabupaten Malang	at all RWs in Kepanjen	10/16/2006	1/31/2007		1151	2.70%
ESP-WSM Field School in Tangsi Sub-Watershed		11/13/2006	6/29/2007	158	375	56.50%
TNGP - TOT and SLA desa konservasi	Balai Desa Kebun Peteuy - Kecamatan Gekbrong Cianjur	11/13/2006	1/31/2007	78	42	9.50%
Sekolah Lapangan di Desa Ulee-U	Meunasah Desa Ulee-U	11/13/2006	1/31/2007	74	27	55.60%
Sekolah Lapangan di Desa Krueng Lamkareung	Balee desa krueng lamkareung	11/13/2006	1/31/2007	74	27	40.70%
School (FS) in Glee Bruek Village Lhoong Sub-District, Aceh Besar District	Desa Glee Bruek, Lhoong, Aceh Besar	11/14/2006	2/28/2007	107	25	80.00%
Field School (FS) in Baroh Krueng Kala Village Lhoong Sub-District, Aceh Besar District	Balai Pertemuan Desa Baroh Krueng Kala, Lhoong, Aceh Besar	11/14/2006	1/18/2007	64	30	63.30%
SEKOLAH LAPANGAN-SLA DI 4 KELURAHAN DI HULU DAS BATANG AIR DINGIN, DAS BATANG ARAU DAN DAS BATANG KURANJI (PADANG-SUMATERA BARAT)	Balai Gadang and Lubuk Minturun villages (Koto Tengah Sub-district); Lambung Bukit and Limau Manis Selatan villages (Pauh Sub-district), Padang Municipality	11/15/2006	2/15/2007	93	100	31.00%
Tracking Location of clean water supply in Sukanagalih Village	Kampung Ciburial, Sukanagalih, and Cibadak, in Sukanagalih Village	11/15/2006	1/31/2007	30		NA
Tracking Location of clean water supply in Sukatani Village	Kampung Gunung Putri and Cisarua, in Sukatani Village	11/15/2006	1/31/2007	30		NA

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Tracking Location of clean water supply in Padaluyu Village	Kali Astana, Tanjakan, and Blandonga in Padaluyu Village	11/15/2006	1/31/2007	30		NA
Sekolah Lapangan di Desa Kp. seulimum	Meunasah Desa Kp. Seulimum	11/15/2006	2/15/2007	90	25	84.00%
Sekolah Lapangan di Desa Bueng	Meunasah di Desa Bueng	11/15/2006	2/15/2007	90	30	36.70%
Jakarta/National MMC Clean Water for Healthy Life	Jakarta	11/16/2006	1/4/2007	46	46	39.10%
ESP WSM Field School in Rumah Sumbul	Jambur Desa Rumah Sumbul	11/16/2006	3/10/2007	115	13	69.20%
ESP WSM Farmer Field School Bandar Baru	Rumah Nenek Jubaida di Desa Bandar Baru	11/17/2006	1/17/2007	60	42	38.10%
ESP WSM Field school in Puangaja village	Balai Desa Puangaja	11/17/2006	3/14/2007	119	32	40.60%
Prepare Base-line Data & Census of Watsan facilities in Nusa	Desa Nusa, Kecl Lhoknga, Aceh Besar	11/20/2006	1/8/2007	48	205	24.40%
ESP WSM Field School in Penampen Village	Jambur Desa Penampen	11/20/2006	3/11/2007	110	33	33.30%
ESP WSM Field School in Serdang Village	Kantor Kepala Desa Serdang	11/20/2006	3/11/2007	112	25	48.00%
TNGP - Development of Gede Pangrango National Park Business Plan	TNGP	11/20/2006	1/31/2007			NA
ESP WSM Field School in Doulu Village	Rumah Nande Fauzi di Desa Doulu	11/20/2006	3/21/2007	122	15	13.30%
ESP WSM Field School in Semangat Gunung Village	Field Office ESP di Desa Semangat Gunung	11/20/2006	3/21/2007	122	10	10.00%
Prepare Base-line Data & Census of Watsan facilities in Nusa	Desa Nusa, Kecl Lhoknga, Aceh Besar	11/20/2006	1/8/2007	48	10	70.00%
NAD/Coastal Rehabilitation in Dusun Kuala Meurisi	Dusun Kuala Meurisi	11/21/2006	2/21/2007	92	20	40.00%
Aksi Rintisan Sekolah Lapangan Di Desa Menoreh	Rumah Kadus Derepan Menoreh	11/21/2006	1/23/2007	62	25	84.00%
Aksi rintisan sekolah lapangan ESP di desa sukorejo	Rumah Dewi Susanti	11/21/2006	1/31/2007	70	25	64.00%
Aksi Rintisan Sekolah Lapangan ESP di Desa Sukomulyo	Rumah Kadus Suko Mulyo, Desa Suko Mulyo	11/21/2006	1/31/2007	70	25	44.00%
Aksi Rintisan Sekolah Lapangan ESP di desa Madugondo	Balai desa Madugondo	11/21/2006	2/6/2007	70	25	44.00%
Aksi Rintisan Sekolah Lapangan ESP di Desa Krumpakan	Rumah Kades Krumpakan	11/21/2006	1/30/2007	70	25	48.00%
Improvement & development CB-SWM	Gondolayu, Ngampilan, Gamping, Kebonrejo, Salaman, Sangen	11/22/2006	2/28/2007		15	53.30%
Aksi Rintisan Sekolah Lapangan ESP di desa Mangunrejo	Balai desa Mangunrejo	11/22/2006	2/7/2007	70	25	44.00%
Aksi rintisan sekolah lapangan ESP di desa Bumiayu	Balai desa bumiayu	11/22/2006	3/2/2007	70	25	56.00%
Aksi Rintisan Sekolah Lapangan ESP di Desa Banjaragung	Balai Desa Banjaragung	11/22/2006	1/31/2007	70	25	68.00%
Workshop untuk Ulama dalam rangka mendukung Aksi Penanaman Pohon	ESP Cianjur Office	11/23/2006	1/5/2007	43		NA
Aksi rintisan sekolah lapangan ESP di desa pucungroto	Balai desa pucungroto	11/23/2006	2/1/2007	70	25	48.00%
Aksi Rintisan Sekolah Lapangan ESP di Desa Sukomakmur	Rumah Bapak Warsono Dusun Naden	11/23/2006	2/1/2007	70	25	32.00%
Aksi Rintisan Sekolah Lapangan ESP di desa Sambak	Balai desa Sambak	11/23/2006	2/1/2007	70	25	100.00%
Aksi Rintisan Sekolah Lapangan ESP di Desa Kebonrejo	Balai Desa Kebonrejo	11/24/2006	2/2/2007	73	25	64.00%
Aksi Rintisan Sekolah Lapangan ESP di Desa Sutopati	Rumah Nanik Arini Dusun Kopeng Wetan	11/24/2006	2/2/2007	70	25	32.00%
Individual water sand Filter Training	4 Puskesmas Meulaboh	11/27/2006	1/31/2007	64		NA
Aksi Rintisan Sekolah Lapangan ESP di Desa Sangen	Balai Desa Sangen	11/29/2006	2/9/2007	73	25	44.00%

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Aksi Rintisan Sekolah Lapangan ESP di Desa Salaman	Balai Desa Salaman	11/30/2006	2/2/2007	73	25	84.00%
Participatory Hygiene Behavior Change Intervention Planning	Cijambe Village	12/1/2006	1/20/2007	40	24	75.00%
Support seedling development for enrichment of coastal area in Kuala Meurisi	Dusun Kuala Meurisi	12/1/2006	5/31/2007	182	20	20.00%
NAD/Krueng Sabee River Rehabilitation in Keudee Krueng Sabee Village	Keudee Krueng Sabee	12/1/2006	1/31/2007	31	25	4.00%
NAD/ Suport seedling development for enrichment of coastal area rehabilitation in Desa Lamseunia	Lamseunia	12/1/2006	5/31/2007	182	22	18.20%
QR9/Support seedling development for enrichment of coastal area in Lamseunia	Lamseunia	12/1/2006	5/31/2007	182	23	17.40%
NAD/Land Rehabilitation in Blang Lambaro	Blang Lambaro	12/1/2006	1/8/2007	39		NA
NAD/Rehabilitation Land marginal in Jantho Baru	Jantho Baru Village	12/1/2006	1/19/2007	38	86	NA
Implementation Program of Community Based Water Supply in Dusun Blang Lambaro	Dusun Blang Lambaro, Kecamatan Saree Kabupaten Aceh Besar	12/2/2006	1/27/2007	57	375	NA
Supervision of Implementation Program Community Based Water Supply Systems	Dusun Blang Lambaro, Desa Saree Aceh	12/2/2006	1/31/2007	60		NA
Field School of Solid Waste on Desa Cijambe Kabupaten Subang	Desa Cijambe Subang	12/4/2006	1/31/2007	37	25	40.00%
Development of WSM forum and SWM plan in Sub DAS Tangsi, Kabupaten Magelang	8 villages of Sub-DAS Tangsi	12/4/2006	3/30/2007	116	188	27.10%
NAD/Land Rehabilitation in Meureu Baro, Cot Bak Treeng and Aneuk Glee	Meureu Baro, Cot Bak Treeng, Aneuk Glee	12/4/2006	1/11/2007	25		NA
Training for Improving CB-SWMS di Ngampilan - Yogyakarta	Balai RW 1, Ngampilan	12/5/2006	1/30/2007	55		NA
Training for Improving CB-SWMS di Gondolayu - Yogyakarta	Balai RW 1, Ngampilan	12/5/2006	1/30/2007	55		NA
Training on CB-SWM in Dusun Kwarasan, Gamping-Sleman	RT 6/ RW 5, Dusun Kwarasan-Gamping	12/6/2006	2/28/2007	55		NA
Talk show on TV and Radio in Bandung	various TV chanel office and radio stations	12/7/2006	1/28/2007		18	55.60%
Focus Group Discusion of Water Supply at Sukanagalih, Padaluyu and Sukatani Villages Kabupaten Cianjur	Sukanagalih, Padaluyu and Sukatani Villages	12/11/2006	4/30/2007	104	60	25.00%
Aksi Penanaman Pohon untuk Program Rehabilitasi di Cianjur	Kabupaten Cianjur	12/11/2006	1/27/2007	35		NA
Community Base Land and Forest Rehabilitation	Potorono and Menoreh hill covered 9 villages	12/11/2006	3/12/2007	72	270	NA
Evaluation Design of Communal Septic Tank from PDAM Kota Bandung		12/12/2006	3/9/2007	53		NA

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Sosialisasi Rencana Aksi multi pihak dan legalisasi Forum multi pihak	Cianjur	12/18/2006	1/31/2007	13		NA
Pengawasan Pekerjaan Community Based Sanitation System	Lingkungan XVI Gang Lampu I Kelurahan Kampung Baru, Kecamatan Medan Maimun, Kota Medan	12/18/2006	1/5/2007	19		NA
Review Design of Septic Tank Communal at Desa Gunung Tua	Tangerang	12/18/2006	2/18/2007	45		NA
Pembangunan Sarana Fisik Air Bersih Oleh Masyarakat di Desa Penagen Rayeuk	Pondok Pesantren Darul Hikmah, Penagen Rayauk, Meureubo, Aceh Barat	12/23/2006	1/31/2007	38		NA
Pembangunan Sarana Fisik Sanitasi Oleh Masyarakat di Desa Penagen Rayeuk	Pondok Pesantren Darul Hikmah, Penagen Rayauk, Meureubo, Aceh Barat	12/23/2006	1/31/2007	38		NA
NAD/ Community Nursery Development and Land Rehabilitation	Dusun Kuala Meurisi	1/1/2007	4/30/2007	181		NA
Customer and Non Customer Census for PDAM Tirta Meulaboh	Meulaboh	1/1/2007	4/30/2007	120		NA
Pembangunan jaringan distribusi air minum dan pemasangan sambungan komunal	Desa Madukoro, Kuaderan dan Bambusari	1/1/2007	3/15/2007	75		NA
Expert column and media monitoring	Yogyakarta	1/1/2007	2/21/2007	51		NA
FGD for OM of Comunal Sanitation and Water Supply Providing and Jan, 1 to 30 2007		1/1/2007	1/30/2007	30	22	100.00%
FGD for OM of Comunal Sanitation and working together for Water Supply Providing on Jan, 1 to 30 2007		1/1/2007	1/30/2007	30	22	100.00%
Quarterly Report 2, Water Quality Monitoring of PDAM Tirta Meulaboh	PDAM	1/1/2007	1/30/2007	90	7	0.00%
Quarterly Report 2, Water Quality Monitoring of PDAM Tirta Mountala	Siron 2, Aceh Besar	1/1/2007	3/30/2007	90	2	0.00%
Quarterly Report 2, Water Quality Monitoring of PDAM Tirta Daroy, Banda Aceh	Lambaro, PDAM Tirta Daroy	1/1/2007	3/30/2007	90	4	0.00%
Column by Expert during MMC #7	Bandung	1/1/2007	3/29/2007	90		NA
Customer and Non Customer Mapping for Census of PDAM Tirta Meulaboh	Meulaboh Aceh Barat	1/1/2007	2/28/2007	59		NA
Policy Identification and Initiation	8 village offices at Kecamatan Kajoran, Kabupaten Magelang	1/2/2007	1/31/2007	30	516	18.80%
Planning Workshop on WSM Plan and Forum Development	Balai Pelatihan Kesehatan Masyarakat, Salaman Sub District, Magelang District	1/3/2007	1/4/2007	2	73	26.00%
Outcome Mapping Workshop with Local Government	North Jakarta Municipality Office	1/3/2007	1/3/2007	1	23	39.10%
Training on planning and design of water supply distribution network	Sekretariat Koperasi PABM Desa Sambak	1/4/2007	1/4/2007	1		NA

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Outcome Mapping Workshop with Research Institute	URDI office	1/4/2007	1/4/2007	1	6	33.30%
ESP WSM Field School for Participatory Sustainable Livelihood Assessment by Community In Desa Cirangkong, Kecamatan Cijambe Cileluleuy-Cilamatan Sub-Watershed Subang District	Balai Desa Cirangkong	1/5/2007	4/27/2007	113		NA
ESP WSM Field School for Participatory Sustainable Livelihood Assessment by Community In Desa Gunung Tua, Kecamatan Cijambe Cileluleuy-Cilamatan Sub-Watershed	Balai Desa Gunung Tua	1/5/2007	4/27/2007	113		NA
ESP WSM Field School for Participatory Sustainable Livelihood Assessment by Community In Desa Tambak Mekar, Kecamatan Jalan Cagak Cileluleuy-Cilamatan Sub-Watershed Subang District	Balai Desa Tambak Mekar	1/5/2007	4/27/2007			NA
Increase access clean water to community in Nusa	Children Centre Nusa Village	1/5/2007	1/31/2007	3	6	33.30%
NAD/Rehabilitasi Wilayah Tepi Sungai Babah Ngom	Dusun Babah Ngom	1/6/2007	4/6/2007	90	11	0.00%
Outcome Mapping Workshop with Community Groups	Kelurahan Penjarangan Office	1/7/2007	1/7/2007	1	31	41.90%
Solid Waste Field School on Desa Gunung Sari Kec. Pagedan Kabupaten Subang	Desa Gunung Sari Subang	1/8/2007	2/28/2007	66	25	40.00%
QR9/House garden rehabilitation in Nusa	Nusa	1/8/2007	4/30/2007	112	20	5.00%
QR8/Monev of Coastal Rehabilitation Program in Kuala Meurisi	Kuala Meurisi	1/8/2007	1/31/2007	24		NA
Community Need Assesment & Workshop In Sunggal	Sunggal	1/9/2007	1/16/2007	4	27	100.00%
Community Need Assesment & Workshop In Sei Mati	Sei Mati	1/9/2007	1/16/2007	8	29	58.60%
Training II Solid Waste Management for RW XVII Kelurahan Gading Tambaksari	Balai RW XVII Kelurahan Gading-Tambaksari, Jl. Kapas Madya IVK Surabaya	1/9/2007	1/9/2007	1	95	97.90%
Scalling Up Community Based Solid Waste Management for Community's Dusun VIII Desa Tembung, Kecamatan Percut Sei Tuan, Kabupaten Deli Serdang, Sumatera Utara	Desa Tembung, Kecamatan Percut Sei Tuan Kabupaten Deli Serdang, Sumatera Utara	1/10/2007	1/12/2007	3		NA
Pelaksanaan Aksi Penanaman di Desa Cijambe, Kecamatan Cijambe Cileluleuy-Cilamatan Sub-Watershed Subang District	Desa Cijambe	1/10/2007	1/26/2007	17	141	41.10%
Internal training on Micro Credit Procedures in Kabupaten Subang	PDAM Kabupaten Subang	1/11/2007	1/11/2007	1	40	20.00%
Implementation Program of Community Based Water Supply in Desa Jruek Balee	Desa Jruek Balee Kecamatan Indrapuri Kabupaten Aceh Besar	1/13/2007	3/31/2007	78		NA
Need Assessment of Health and Hygiene Improvement Campaign at School Level	4 schools in Kelurahan Bareng, Arjowinangun, Dinoyo and Mergosono of Kota Malang	1/15/2007	1/22/2007	7	108	74.10%

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Gerakan Cinta Lingkungan dan Hidup Sehat	SDN Sibreh	1/15/2007	2/13/2007	2		NA
Training how to Make the Hydram Pump of clean water supply in Padaluyu Village	Dusun Kaliastana and Tanjakan in Padaluyu Village	1/17/2007	3/3/2007	15	20	0.00%
PARTICIPATORY SUSTAINABLE LIVELIHOOD ASSESSMENT BY COMMUNITY DALAM RANGKA SEKOLAH LAPANGAN WSM DI DESA CIKIDANG KECAMATAN LEMBANG KABUPATEN BANDUNG JANUARI-MARET 2007	Balai Desa Cikidang	1/17/2007	4/3/2007		22	40.90%
Training how to Make the Hydram Pump of clean water supply in Padaluyu Village	Dusun Kaliastana and Tanjakan in Padaluyu Village	1/17/2007	3/3/2007	15	20	0.00%
Lokakarya Monitoring dan Evaluasi kegiatan PABM tahun 2006	Skretariat Koperasi PABM Desa Sambak	1/18/2007	1/18/2007	1		NA
Talk show on TV and Radio in Bandung	All TV channels and radio stations	1/18/2007	3/28/2007	80		NA
Pengambilan Data Mini Baseline/Sepuluh Menit Monitoring Dalam Rangka Diare dan Perilaku Bersih	Kelurahan Petojo Utara and Jembatan Besi	1/19/2007	2/3/2007	14		NA
Campaign "Clean River, Healthy Life"	RW 08, Kelurahan Petojo Utara, Kecamatan Gambir	1/21/2007	4/1/2007	14	300	NA
Campaign "Clean River, Healthy Life"	RW 08, Kelurahan Petojo Utara, Kecamatan Gambir	1/21/2007	2/4/2007	14		NA
Field School in Desa Mekarwangi, Kab. Bandung	Desa Mekarwangi, Kec. Lembang, Kabupaten Bandung	1/22/2007	4/12/2007	13	23	47.80%
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring	Cijambe	1/22/2007	2/9/2007	19		NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring	Tamansari and Wangunharja	1/22/2007	2/9/2007	19		NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring	Mekarjaya	1/22/2007	2/9/2007	19		NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring	Nagrak village	1/22/2007	2/9/2007	19		NA
Field School (FS) in Lampuuk Lhoknga Sub-District, Aceh Besar District	Balai Pertemuan Lampuuk, Lhoknga, Aceh Besar	1/22/2007	7/30/2007	130	15	26.70%
Workshop Water Quality Monitoring	West Java ESP office, various locations in Cikapundung watershed area (up stream to down stream)	1/22/2007	1/24/2007	3	13	46.20%
Kampanye Cuci Tangan Pakai Sabun di Level Anggota PKK di Kota Malang	Kelurahan Bareng, Arjowinangun, Dinoyo, Mergosono	1/22/2007	2/15/2007	23	563	87.60%
Kampanye Cuci Tangan Pakai Sabun di Level Anggota PKK di Kota Malang	Kelurahan Bareng, Arjowinangun, Dinoyo, Mergosono	1/22/2007	2/15/2007	23	563	87.60%

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Kampanye Cuci Tangan Pakai Sabun di Level Anggota Karang Taruna di Kota Malang	Kelurahan Bareng dan Arjowinangun	1/22/2007	2/15/2007	22	87	36.80%
Implementation Program of Community Based Water Supply in Desa Suka Damai	Desa Suka Damai Kecamatan Saree Kabupaten Aceh Besar	1/23/2007	2/22/2007	31	147	1.40%
Stakeholder workshop in Mekarjaya, Bandung	Mekarjaya Village	1/23/2007	1/23/2007	1	25	44.00%
On-Job Training pengurus koperasi ke PDAM Kab.Magelang (Unit Salaman) dan Koperasi Simpan Pinjam-Kecamatan Kajoran-Kab. Magelang	PDAM Kab. Magelang dan Koperasi Simpan Pinjam Kecamatan Kajoran	1/24/2007	2/6/2007	12		NA
Lokakarya Sosialisasi Sekolah Lapangan WSM ESP di Kabupaten Bandung	Kantor Camat Lembang	1/24/2007	1/24/2007	1	39	20.50%
A movement of million tree planting (activities at Desa Cibodas Kec. Pacet Kabupaten Cianjur Jawa Barat)	Desa Cibodas Kec. Pacet Kabupaten Cianjur Jawa Barat	1/24/2007	2/5/2007	12	200	35.00%
Training Of Basic Water Supply For PDAM Sibolga, Tapanuli Tengah and Tapanuli Utara (Fase I)	PDAM Sibolga	1/25/2007	1/27/2007	3	31	3.20%
Pengambilan Data Diare dan Perilaku Bersih dalam Rangka Mini Baseline Sepuluh Menit Monitoring	Kelurahan Arjowinangun, Bareng, Dinoyo dan Mergosono	1/25/2007	3/29/2007	31		NA
Pengambilan data diare dan perilaku bersih dalam rangka mini baseline/ 10 menit monitoring	Temas, Kota Batu	1/25/2007	2/25/2007	31	30	100.00%
Pengambilan Data Diare dan Perilaku hidup Bersih dalam rangka mini beseline/ 10 menit monitoring	Kelurahan Wonokromo RW VI dan VII dan Kelurahan Gading	1/25/2007	2/25/2007	31		NA
To Make Memorandum of Agreement (MOA) place of water source of Kaliastana between Kp Kaliastana and Kp Tanjakan	Dusun Kaliastana and Tanjakan in Padaluyu Village	1/26/2007	1/27/2007	1	50	0.00%
Workshop on Puskesmas Facility Assessment for Water and Sanitation Infrastructure - Dissemination of Assessment Results	Office of Sudin Kesmas Jakarta Pusat, Jalan Percetakan Negara	1/29/2007	1/29/2007	1	41	56.10%
Sei Mati Community Study Tour to Bis Peduli sites	Belawan, Medan city and Hamparan Perak, Deli Serdang Regency	1/29/2007	1/31/2007	3	31	22.60%
Display Exhibition	Jruak Balee	1/29/2007	2/5/2007	1		NA
Preparation and Training Of Census Enumerators for PDAM Tirta Meulaboh	ESP Office Meulaboh	1/29/2007	1/30/2007	2	12	50.00%
Comparative Study of BEST Communal Septic Tank at Kab. Sukabumi.	Kota Sukabumi	1/30/2007	1/30/2007	1	9	22.20%
NAD / Pelatihan pembuatan filter air bersih untuk masyarakat Baroh Krueng Kala	Balai Pertemuan Desa Baroh Krueng Kala, Lhoong, Aceh Besar	1/30/2007	2/1/2007	3	30	63.30%
NAD/Training perbanyak tanaman untuk masyarakat Baroh Krueng Kala	Balai Pertemuan Desa Baroh Krueng Kala, Lhoong, Aceh Besar	1/30/2007	2/1/2007	3	30	63.30%
Student workshop on sanitation at SD Glee Bruek, Lhoong Aceh Besar	SD Glee Bruek I Kecamatan Lhoong Aceh Besar	1/30/2007	2/2/2007	4	77	42.90%

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NAD/Training perbanyak tanaman untuk masyarakat Glee Bruek	Balai Pertemuan Glee Bruek, Lhoong, Aceh Besar	1/30/2007	2/1/2007	3	25	68.00%
Training of Transmission and Distribution Network System Analysis For Kabanjahe Unit PDAM Tirta Malem Kabupaten Karo	Unit Kabanjahe PDAM Tirta Malem	1/30/2007	2/1/2007	3	17	5.90%
Workshop IV Final: Perdes Jruek Balee-Discussion on raw draft policy	Jruek Balee	1/30/2007	6/30/2007	181	300	56.70%
City Team meeting of HP3/IDRC	North Jakarta Municipality Office	1/30/2007	1/30/2007	1	44	43.20%
worskhop on OBA fundchanneling for PDAM Surabaya	Surabaya	1/31/2007	1/31/2007	1		NA
Aksi Pemeliharaan tanaman untuk Program Rehabilitasi di Cianjur	Kabupaten Cianjur	2/1/2007	5/5/2007	130		NA
Increase access clean water to community in Nusa	Desa Nusa Kec. Lhoknga kab. Aceh besar	2/1/2007	3/31/2007	10	66	78.80%
TNGP - development of collaborative conservation action plan	Bogor, Sukabumi dan Cianjur	2/1/2007	5/31/2007			NA
WORKSHOP HASIL SLA DESA CIJAMBE KABUPATEN SUBANG	Cijambe	2/1/2007	2/1/2007	1	73	61.60%
Road-show to media and stakholders	ESP office and each stakeholders' offices in Bandung	2/1/2007	2/28/2007	28		NA
Media visit to the field	the field of ESP project and PDAM - bojong soang	2/1/2007	3/10/2007	60		NA
NGO's discussion	K3A sekretariat	2/1/2007	2/10/2007	10		NA
Pengambilan Data Mini Baseline/Sepuluh Menit Monitoring di Sub-DAS Tangsi	15 desa di Sub-DAS Tangsi	2/1/2007	2/15/2007	15		NA
Pembelajaran Membangun Komitment dengan Sekolah di Bareng dan Arjowinangun	Sekolah Kelurahan Bareng (SDN Bareng II dan III) Sekolah Kelurahan Arjowinangun (SDN Arjowinangun I dan II dengan satu MI	2/3/2007	2/15/2007	13	50	68.00%
Increase access clean water to community in Nusa	Meunasah Desa Nusa	2/5/2007	2/12/2007	8	70	92.90%
NAD/Land rehabilitation (enrichment) in Dusun Sukamakmur	Dusun Sukamakmur	2/5/2007	3/2/2007	30		NA
Training Water Quality Use DelAgua Kit for PUSKESMAS Sanitarian at Meulaboh Aceh Barat	Desa Rundeng Kecamatan Johan pahlawan Meulaboh	2/5/2007	2/8/2007	4	25	36.00%
Lokakarya of CBSW system for farmer community of 13 villages on DAS Cilaku and Cikundul	Cianjur	2/6/2007	2/8/2007	3	29	34.50%
Training of Transmission and Distribution Network System Analysis For Pangkalan Brandan Unit PDAM Tirta Wampu Kabupaten Langkat Phase II	Unit Pangkalan Brandan PDAM Tirta Wampu Kabupaten Langkat	2/6/2007	2/9/2007	3	15	20.00%
Internal Training on Micro Credit Procedures in Kabupaten Malang	ESP Malang Office	2/6/2007	2/6/2007	1	62	6.50%

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Limited household survey	Surabaya DPDAM office and 6 Kelurahan for field work	2/8/2007	2/16/2007	9	20	55.00%
Limited household survey	Surabaya DPDAM office and 6 Kelurahan for field work	2/8/2007	2/16/2007	9	20	55.00%
Pembelajaran dan Penerapan Model	SDN 2 Somopuro, Jogonalan, Klaten	2/9/2007	6/8/2007	150		NA
Student Workshop:Gerakan Cinta Lingkungan dan Hidup Sehat	SD & MIN Sibreh	2/9/2007	2/10/2007	2	136	36.00%
Kampanye Cuci Tangan Pakai Sabun di Level Anggota Karang Taruna di Kota Malang	Kelurahan Bareng dan Arjowinangun	2/11/2007	3/7/2007	2	87	36.80%
Training on Hand washing with soap for religious leader	Puskesmas Arjowinangun dan Gedung Pertemuan Baitul Ilmi	2/11/2007	2/11/2007	1	60	38.30%
Peran NGO di Banda Aceh	ACEH TV	2/11/2007	2/11/2007	1		NA
Rapid Rural Appraisal Pengelolaan Kawasan Penyangga (buffer zone) di Wilayah Tahura R. Soerjo	Mojokerto, Kabupaten Pasuruan, Kota Batu	2/12/2007	4/10/2007	58		NA
Sekolah Lapangan di Pesanggrahan	Rumah Peserta SL, Desa Pesanggrahan	2/12/2007	7/27/2007	78	25	20.00%
NAD/Rehabilitasi riparian zone Kr. Inong, Jantho Lama	Jantho Lama dan Wwue	2/12/2007	3/15/2007	32	20	NA
Penambahan Utilitas pada MCK dan Natural Wetland System, Dusun Mon Bungong Lamkreut Aceh Besar	MCK Dusun Mon Bungong Lamkreut Aceh Besar	2/12/2007	2/28/2007	16	18	94.40%
Training Propagasi Tanaman dan Pembuatan Pupuk Organik kepada siswa dan guru sekolah	SMP Indrapuri Aceh Besar, SMP Lamteuba Aceh Besar, SMP Percontohan No.19 Banda Aceh	2/12/2007	3/16/2007	34	770	51.90%
Sekolah Lapangan di Punten-Gunung Sari	Balai Desa Gunungsari	2/13/2007	7/27/2007	80	22	36.40%
Community Based Water Supply Training in Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	2/13/2007	2/15/2007	3	30	80.00%
FGD "Tabungan Konservasi"	SMP Negeri Sibolangit	2/13/2007	2/13/2007	1	21	19.00%
Sustainable Household Sanitation for the Reconstruction in Aceh and Nias	Banda Aceh	2/13/2007	2/15/2007	3	123	20.30%
Tulungrejo and Sumberbrantas Field School	Balai Desa Sumberbrantas	2/14/2007	7/27/2007	91	18	22.20%
Coordination Meeting of ESP Strategic Communication Team	ESP Bandung Office	2/14/2007	2/16/2007	3	13	46.20%
Aksi Propagasi dan Composting FS desa Krueng Lamkareung	Krueng lamkareung	2/14/2007	2/28/2007	15	27	59.30%
Workshop on community based garbage management for improving water quality in Brantas Upper reach	Singgasana Hotel Jl. Gunung Sari, Surabaya	2/14/2007	2/14/2007	1	79	59.50%
Sekolah Lapangan Desa Oro-oro Ombo	Balai Desa Oro-oro Ombo	2/15/2007	7/31/2007	57	25	40.00%

Hand washing campaign in the school	Sekolah Kelurahan Bareng (SDN Bareng II dan III) Sekolah Kelurahan Arjowinangun (SDN Arjowinangun I dan II dengan satu MI) Sekolah Kelurahan Mergosono (SDN Mergosono VIII dan TK Dharma Wanita) Sekolah Kelurahan Dinoyo (SD Dinoyo I dan III)	2/15/2007	3/15/2007	29		NA
Hand washing campaign in the school	Sekolah Kelurahan Bareng (SDN Bareng II dan III) Sekolah Kelurahan Arjowinangun (SDN Arjowinangun I dan II dengan satu MI) Sekolah Kelurahan Mergosono (SDN Mergosono VIII dan TK Dharma Wanita) Sekolah Kelurahan Dinoyo (SD Dinoyo I dan III)	2/15/2007	3/15/2007	29		NA
Sekolah Lapangan di Pandanrejo	Balai Duku Pandanrejo	2/16/2007	7/18/2007	153	25	48.00%
Sosialisasi Sekolah Lapangan di Mukim Lampuuk	Tiap menasah dikemukiman Lampuuk, Lhoknga Aceh Besar	2/16/2007	5/21/2007	67	166	20.50%
Aksi kecil FS Desa Ulee-U	Desa Ulee-U	2/17/2007	2/28/2007	12	35	37.10%
Training on solid waste separation and composting	RT 02, Kampung Wangkal, Desa Kalijaya	2/17/2007	2/17/2007	1		NA
Socialization of first action research and community's working group establishment in RW 13 Kelurahan Penjarangan	Community centre of RW 13, Kelurahan Penjarangan	2/17/2007	2/17/2007	1	30	30.00%
Tembung Community Study Tour to Bis Peduli sites	Belawan, Medan city and Hamparan Perak, Deli Serdang Regency	2/18/2007	2/20/2007	3	35	45.70%
Aksi kecil FS Desa Kp. Seulimum	Desa Kp. Seulimum	2/18/2007	2/18/2007	1	25	16.00%
FGD on Corporate Plan - discussion about program, PDAM Tirta Mountala Aceh Besar	PDAM Aceh Besar office	2/20/2007	2/20/2007	1	6	33.30%
Sharing Experience between USAID ESP Central Java and East Java Region	ESP Malang Office	2/21/2007	2/24/2007	4	30	33.30%
Training Operational and Maintenance MCK Community Based Sanitation System	Kampung Baru village, Medan Maimun Sub-District, Medan City, North Sumatra	2/21/2007	2/23/2007	3	25	32.00%
Workshop of Implementation on SOP in PDAM Banda Aceh and Aceh Barat	PDAM Office	2/21/2007	9/13/2007	7	45	40.00%
Training on community mapping in Jaranguda, Berastagi, Wampu Watershed	Jaranguda Village	2/21/2007	2/24/2007	4	35	42.90%
Socialization of first action research and community's working group establishment in RW 12 Kelurahan Penjarangan	Community centre of RW 12, Kelurahan Penjarangan	2/21/2007	2/21/2007	1	24	62.50%
Pojok Diskusi	SDN 2 atau 3 Somopuro, Jogonalan, Klaten	2/23/2007	9/14/2007	270		NA

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Lokakarya Berbagi Pengalaman Antara ESP regional Jawa Tengah & Yogyakarta dan Regional Jawa Timur Dengan LMDH Kota Batu, FERUM Perhutani KPH Madang, Camat Bumi Aji dan Dinas Kehutanan dan Lingkungan Kota Batu	Desa Tulungrejo, Kota Batu	2/23/2007	2/23/2007	1	33	24.20%
Pelatihan composting dalam rangka pengembangan konsep program "Tabungan Konservasi" di SMP N 1 Sibolangit	SMPN 1 Sibolangit	2/24/2007	3/3/2007	2	30	50.00%
Socialization of first action research and community's working group establishment in RW 8 Kelurahan Penjarangan	Community centre of RW 8, Kelurahan Penjarangan	2/25/2007	2/25/2007	1	27	48.10%
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring di KKelurahan Aur, Sei Mati, Kampung Baru - Kota Medan)	Aur, Sei Mati and Kampung Baru Villages	2/26/2007	3/9/2007	16		NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring di Desa Sikeben - Kabupaten Deli Serdang	Sikeben Village	2/26/2007	3/9/2007	16		NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring di Desa Doulu dan Desa Semangat Gunung - Kabupaten Karo	Semangat Gunung and Doulu Villages	2/26/2007	3/9/2007	17		NA
Media visit to DAS Progo and IPAL Komunal	IPAL komunal and several spots od DAS Progo/Tangsi at Salaman and Kajoran	2/26/2007	3/9/2007	12		NA
Monitoring rehabilitasi Kr.Kemireu, Ulumasan	Kr. Keumireu, Desa Jantho Baru	2/26/2007	2/28/2007	3		NA
Awareness campaign and stengthen of PDAM Tirta Wampu by Pancel Discussion with Multistakeholders	Stabat, Langkat	2/27/2007	3/1/2007	3		NA
FIELD DAY DALAM RANGKA MEMPROMOSIKAN RENCANA AKSI SEKOLAH LAPANGAN di LECAMATAN LHOONG	Kantor Kecamatan Lhoong, Kabupaten Aceh Besar	2/27/2007	3/1/2007	1	100	38.00%
Workshop of implementation of SOP PDAM Aceh Barat (Meulaboh)	PDAM Office	2/27/2007	9/18/2007	7	15	40.00%
Construction of two hand washing stations in two schools: SD Sukadanau 01 & SD Sukadanau 05	SD Sukadanau 01 and SD Sukadanau 05	2/27/2007	3/16/2007	14		NA
Solid waste characteristic study of low income households	RW 13 Kelurahan Penjarangan	2/27/2007	3/6/2007	8	3	NA
Evaluation of Field Schools in 15 Villages of Tangsi Sub-Watershed	Sangen Village	2/28/2007	3/2/2007	3	31	45.20%
Training of Transmission and Distribution Network System Analysis For 9 IKK PDAM Tirta Malem Kabupaten Karo	PDAM Tirta Malem Kabupaten Karo	2/28/2007	3/2/2007	3	15	46.70%
Radio Talkshow	Yogyakarta	3/1/2007	3/31/2007	30		NA

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Pesantren Community Action Plan for Community Based Solid Waste Management in Pesantren Ar-Rhoadatul Hasanah	Medan Tuntungan (Pesantren Ar-Rhoadatul Hasanah)	3/1/2007	3/2/2007	2	30	53.30%
FIELD DAY - SLA DI 4 KELURAHAN DI HULU DAS BATANG AIR DINGIN, DAS BATANG ARAU DAN DAS BATANG KURANJI (PADANG-SUMATERA BARAT)	Kota Padang: Kelurahan Lubuk Minturun, Kelurahan Limau Manis Selatan, Kelurahan Balai Gadang, Kelurahan Lambung Bukit	3/1/2007	3/30/2007	30	192	39.60%
QR9/Aksi Awal SL: Pelatihan Propagasi Tanaman dan Pelatihan Pembuatan Kompos di Desa Bueng	Meunasah Desa Bueng, Kecamatan Kota Jantho	3/1/2007	5/28/2007	84	25	40.00%
QR9/Support community group in compos development, Jruek Balee	Desa Jruek Balee	3/1/2007	4/15/2007	45		NA
QR9/Support seedling for House Garden Rehabilitation in Lhong Sub District	Lhong Sub District	3/1/2007	3/31/2007	31		NA
Pelatihan Peningkatan Kapasitas Jurnalis Berperspektif Lingkungan Sumber Daya Air dan Sanitasi, Bukan Lagi Urusan Pribadi	Kota/Kab Malang dan Kota Batu	3/1/2007	3/31/2007	3	27	22.20%
Pelatihan Peningkatan Kapasitas Jurnalis Berperspektif Lingkungan Sumber Daya Air dan Sanitasi, Bukan Lagi Urusan Pribadi	Kota/Kab Malang dan Kota Batu	3/1/2007	3/31/2007	3	27	22.20%
QR8/Monev of river rehabilitation in Keudee Krueng Sabee	Desa Keudee Krueng Sabee	3/1/2007	3/16/2007	16	5	NA
Transect walk RW 13 Kelurahan Penjaringan	RW 13 Kelurahan Penjaringan	3/1/2007	3/1/2007	1		NA
QR3.07/Aksi Awal SL: Pelatihan Propagasi Tanaman dan Pelatihan Pembuatan Kompos di Desa Bueng	Meunasah Desa Bueng, Kecamatan Kota Jantho	3/1/2007	5/28/2007	84	25	40.00%
Training of Community based Solid Waste Management for RW XI Kelurahan Kapasari Kecamatan Genteng	Balai RW XI Kelurahan Kapasari Kecamatan Genteng	3/3/2007	3/3/2007	1	29	93.10%
TNGP - Penataan Kawasan Ex. Perhutani TNGP secara partisipatif	Desa Sukatani	3/4/2007	7/31/2007			NA
Initial Assesment for solid waste management by community in two market areas		3/5/2007	4/6/2007	20		NA
Socialization, Assistance and Capacity Building for community at 13 villages DAS Cikundul and Cilaku	DAS Cikundul Cilaku Kab. Cianjur	3/5/2007	8/31/2007	150	60	41.70%
MMC#7 : Diskusi di Media : Hidup Sehat dan Sejahtera dengan Pengelolaan Sanitasi Berbasis Komunitas	Kota Medan	3/5/2007	3/7/2007	3	57	33.30%
Pembentukan Forum Krueng Lageun	Kemukiman Lageun	3/5/2007	3/31/2007	26	36	0.00%
Kenapa Harus Sanitasi Berbasis Masyarakat?	Kampung Toyomerto - Batu; Posyandu RW 03 Kelurahan Arjowinangun; Desa Curungrejo	3/5/2007	3/31/2007	12	105	68.60%
Pembentukan Forum Alur Mancang, Kemukiman Saree	Saree	3/8/2007	3/10/2007	3	37	10.80%

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Final Preparation on 'Kemah Konservasi' - World Water and Forest Day	USAID's ESP Medan Office	3/8/2007	3/8/2007			12	0.00%
On the Job Training to Install Pipe & Accesories in Desa Sawang	Sawang, Calang Kabupaten Aceh Jaya	3/8/2007	3/10/2007	2.5		7	0.00%
Internal Training on Micro Credit Procedures in PDAM Kota Solo	ESP	3/8/2007	3/8/2007	1		40	20.00%
Pelatihan kader hand washing with soap di RW II dan RW V Wonokromo	Balai RW II Wonokromo	3/9/2007	4/15/2007	36		36	88.90%
The Training Run the Hydram Pump	Dusun Kaliastana and Tanjakan in Padaluyu Village	3/9/2007	3/10/2007	2		20	0.00%
Photo Exhibition "Water From ridge to reef"	Yogyakarta	3/12/2007	3/17/2007	4		NA	
Panen perdana padi SRI di Desa Jreuk Balee	Desa Jreuk Balee	3/12/2007	3/16/2007	5		25	60.00%
Training of Community based Solid Waste Management for Desa Paciran Lamongan	TPQ Pondok Modern Muhammadiyah Paciran, Lamongan	3/12/2007	3/12/2007	1		53	77.40%
Round-table Discussion with West Java's journalists	AJl's office	3/13/2007	3/13/2007	1		37	48.60%
Training Komunikasi Perubahan Perilaku	Cijambe	3/13/2007	3/15/2007	3		23	73.90%
Community assessment and resource mapping with male group RW 13 Kelurahan Penjaringan	Community Centre of RW 13	3/13/2007	3/13/2007	1		8	0.00%
Field day dalam rangka mempromosikan Rencana Aksi SL Aceh Besar	Lapangan Kota Jantho, Kabupaten Aceh Besar	3/14/2007	3/14/2007	1		131	40.50%
Efisiensi Unit PDAM Tirta Wampu Langkat District for Training Transmission of Distribution Net Work System	PDAM Tirta Wampu Unit Pangkalan Brandan	3/14/2007	3/16/2007	3		25	44.00%
MMC#7 Field Visit : Pengelolaan Sanitasi Berbasis Komunitas	Medan	3/15/2007	3/15/2007	1		16	18.80%
HARI TEMU LAPANGAN (FIELD DAY) SUSTAINABLE LIVELIHOOD ASSESMENT (SLA) DI SUB DAS LAU BIANG KEC. BARUS JAHE, KAB. KARO.	JAMBUR DESA PENAMPEN	3/15/2007	3/29/2007	15		163	46.00%
Perempuan dan Air di Kelurahan Aur, Kecamatan Medan Maimun - Kota Medan	Kelurahan Aur, Kecamatan Medan Maimun - Kota Medan	3/15/2007	3/30/2007	14		30	100.00%
Perempuan dan Air di Desa Semangat Gunung, Kabupaten Karo	Desa Semangat Gunung, Kabupaten Karo	3/15/2007	3/28/2007	14		27	85.20%
Kampanye Cuci Tangan Pakai Sabun dan Pengujian Kualitas Air di SDN 101842 Sikeben	SDN Sikeben - Desa Sikeben	3/15/2007	3/25/2007	11		127	52.80%
Perempuan dan Air di Desa Rumah Sumbul, Kecamatan Sibolangit - Kabupaten Deli serdang	Desa Rumah Sumbul, Kecamatan Sibolangit - Kabupaten Deli Serdang	3/15/2007	3/29/2007	14		28	78.60%
Hari Temu Lapang SL-SLA Desa DOULU	Jambur desa DOULU	3/15/2007	3/31/2007	17		NA	
Hari Temu Lapang SL-SLA Desa Semangat Gunung	Jambur desa Semangat Gunung	3/15/2007	3/31/2007	17		NA	
MMC#7 Talkshow Radio - Bagaimana Mengelola Tinja Kota	Medan	3/15/2007	3/29/2007	15		8	12.50%

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Technical support for PDAM Cianjut in drafting Program Communications	Cianjur	3/15/2007	6/30/2007			NA
Discussion on next plan activities between ESP and Forum Alur Mancang	ESP Office	3/15/2007	3/15/2007	1	4	25.00%
Maintenance of sawang water source	Sawang Village	3/15/2007	3/23/2007	9	8	0.00%
Focus Group Discussion, Spatial planning for water supply sector in Lhoong, Aceh Besar Distric	Aula Kantor Camat Lhoong	3/15/2007	3/15/2007	1	39	10.30%
Community workshop on planning of first pilot project in RW 13	Balai RW 13 Kelurahan Penjaringan Jakarta Utara	3/17/2007	3/17/2007	1	25	24.00%
Training on Water Quality Monitoring for Students during 2007 World Water Day Commemoration	ESP Bandung Office	3/18/2007	3/18/2007	1		NA
2007 World Water Day Commemoration	ESP Bandung Office	3/18/2007	3/31/2007			NA
Pembuatan film dokumenter tentang lingkungan oleh pelajar during 2007 World Water Day Commemoration	ESP Bandung Office	3/18/2007	3/21/2007	4		NA
Kampanye Jangan Lagi Ada Banjir di Desa Ini!	Sibayak Valley, Tanah Karo	3/18/2007	3/19/2007	2	8	25.00%
World water day 2007 Commemoration, "Coping with Water Scarcity" Learn about Water Conservation and Distribute 2007 Seedlings	Ciburur Lake – Cibubur Camping Ground	3/18/2007	3/18/2007	1		NA
Integrasi program dengan SWS	Kantor Kelurahan Arjowinangun	3/18/2007	3/18/2007	1		NA
Training & Campaign to operation & maintenance Sanitation system, water supply & Solid waste management in Pasantren Penagen Raya - Aceh Barat	Komplek Pasantren Darul Hikmah - Penagen raya Kec. Merebo. Aceh Barat	3/19/2007	4/6/2007	19	38	39.50%
Pesantren Ar-Raudhatul Hasanah Training in Community Base Solid Waste Segregation	Pesantren Ar-Raudhatul Hasanah Medan Tuntungan	3/20/2007	3/21/2007	2	30	43.30%
QR9/Penyulaman dan Pengayaan Tanaman di Kr. Keumireu (Ulu Masen Area)	Kr. Keumireu, Desa Jantho Baru	3/20/2007	3/30/2007	10	10	NA
HARI TEMU LAPANGAN (FIELD DAY) SUSTAINABLE LIVELIHOOD ASSESSMENT (SLA) KAWASAN SIBOLANGIT KECAMATAN SIBOLANGIT KABUPATEN DELISERDANG (TANGGAL 27 MARET 2007)	Jambur Desa Rumah Sumbul	3/20/2007	3/27/2007	7	105	50.50%
Memperingati 'HARI AIR SEDUNIA 2007', "Coping with Water Scarcity", Diskusi dan Kunjungan Media, "Kelangkaan Air Baku : Tantangan dalam Penyediaan Air Minum untuk Perkotaan"	Bapennas SG 5 Meeting Room	3/20/2007	3/20/2007	1		NA
Multi-stakeholder Workshop on WSM Plan and Forum Development	Balai Desa Sukomakmur, Kecamatan Kajoran, Kabupaten Magelang	3/21/2007	3/21/2007	1	71	31.00%
Training Sanitation Mapping	ESP Surabaya Office, Wisma Dharmala 7th fl, Jl . Panglima Sudirman Surabaya	3/21/2007	3/21/2007	0.5		NA

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Perempuan dan Air di Desa Sikeben, Kecamatan Sibolangit - Kabupaten Deli Serdang	Desa Sikeben, Kecamatan Sibolangit - Deli Serdang	3/21/2007	4/5/2007	14	52	46.20%
Pameran Lukisan dan Aksi Anak Dalam Memperingati Hari Air Sedunia	Taman Sari	3/22/2007	3/23/2007	2		NA
Training on Community Based Solid Waste Management for Curung Rejo Community	Balai Desa Curung Rejo Kepanjen Kab. Malang	3/22/2007	3/22/2007	1	70	62.90%
Survey on Water Quality Monitoring by Students during 2007 World Water Day Commemoration	Sepanjang Sungai Cikapundung	3/22/2007	3/23/2007	2		NA
Training Compos for Ginger Community Based Solid Waste Management In Tembung Village, Sub District Percut Sei Tuan, Deli Serdang Regency	Tembung Village	3/23/2007	3/24/2007	2	26	38.50%
Study Tour on Community Based Solid Waste Management for RW II Curung Rejo Community and Kab. Malang Local Government	Kelurahan Jambangan Surabaya	3/24/2007	3/24/2007	1	55	78.20%
Public Expose and Media Campaign during 2007 World Water Day Commemoration	Hotel Posters - Bandung	3/24/2007	3/24/2007	1		NA
Public Expose and Media Campaign during 2007 World Water Day Commemoration	Hotel Posters - Bandung	3/24/2007	3/24/2007	1		NA
FGD on Corporate Plan of PDAM Tirta Mountala Aceh Besar	PDAM Tirta Mountala - Aceh Besar Office	3/24/2007	3/24/2007	1	5	40.00%
Tracking Location of clean water supply in Mekarjaya Village	Kampung Pasir Pendeuy, Desa Makarjaya	3/24/2007	3/25/2007	2		NA
Sekolah Lapangan di Arjowinangun	Balai Kelurahan Arjowinangun	3/25/2007	8/15/2007	78	23	21.70%
National Campaign for Handwashing with Soap	Lapangan Monas Jakarta	3/25/2007	5/31/2007	1		NA
Stakeholder discussion about IPAL	UGM	3/26/2007	3/31/2007	1		NA
Training Of Trainer	Kantor Informasi Penyuluhan Pertanian dan Kehutanan (KIPPK) Kabupaten Magelang, Jl. Sendangsono, Progowati, Mungkid	3/26/2007	3/29/2007	4	25	16.00%
Training Oprational & Maintenance and Monitoring and Evaluation of Sustainable Sanitation Systems in Aceh	Lhoknga Aceh besar, Calang Aceh Jaya and Meulaboh Aceh barat	3/26/2007	9/30/2007	185	22	100.00%
Training Spatial planning of Imum Mukim, Aceh Besar Dsitric	Jantho, Aceh Besar Distric	3/26/2007	3/29/2007	4	58	0.00%
ToT untuk Penyusunan Rencana Kemitraan LMDH: Upaya Membangun Hutan Kemasyarakatan di Kota Batu	Desa Punten, Kota Batu	3/26/2007	4/13/2007	3	49	6.10%
Konsultasi Publik dalam Pengelolaan DAS melalui Proses Pembelajaran Bersama	Desa Sukanagalih, Kab Cianjur	3/26/2007	3/28/2007	2	120	15.80%
Construction of 3 MCKs in Kampung Wangkal RW 07, Desa Kalijaya	RT 01, 02 and 03, RW 07, Kampung Wangkal, Desa Kalijaya, Kecamatan Cikarang Barat	3/26/2007	4/30/2007	28		NA

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INCREASE ACCESS CLEAN WATER TO COMMUNITY IN NUSA – LHOKNGA DISTRICT ACEH BESAR PHASE II	Desa Nusa, kec. Lhoknga	3/26/2007	4/4/2007	10	11	18.20%
FGD on Sustainability raw water resources	University of Muhammadiyah Sumatra Utara	3/26/2007	3/26/2007	1	28	25.00%
World Water Day 2007 - Problems for sustainability water resources identified and solutions provided	Kampus UMSU, Kota Medan	3/26/2007	3/26/2007	1		NA
Solid waste management training for 1st pilot project LESTARI – RW 13	Kelurahan Penjaringan, Wonokromo, Jambangan	3/26/2007	3/30/2007	5		NA
NRW Reduction and Household Census Program at Wirobrajan Area - PDAM Kota Yogyakarta		3/26/2007	8/25/2007			NA
QR9/Implementasi RA FAMS- Survey kawasan sumber air Alur Mancang Saree	Alur Mancang, saree	3/27/2007	4/1/2007	15	8	NA
Clean and Green School Awareness Campaign	MI Al Falah and MI Al Ma'muriyah	3/28/2007	4/30/2007	6		NA
PROGRAM PERLINDUNGAN MATA AIR DI WILAYAH DESA CIJAMBE	Desa Cijambe, Sekolah SD	3/28/2007	7/11/2007			NA
Awareness Campaign for NGO Grantee in DPRD Medan	Medan	3/29/2007	3/29/2007	1	14	14.30%
Training Sanitation Mapping	ESP Malang Office Jl Raung no.17 Malang	3/30/2007	3/30/2007	1	16	12.50%
Kemah Konservasi, Peringatan Hari Air Se-Dunia	Tongkoh, Tahura Bukit Barisan	3/30/2007	4/1/2007	3	297	40.40%
WWD - Kemah Konservasi dan Kampanye Penyelamatan Tahura	Tongkoh, Berastagi, Tanah Karo	3/30/2007	4/1/2007	3	297	40.40%
Participatory Hygiene Behavior Change Intervention Planning	Cijambe Village	12/1/2006	1/20/2007	40	24	75.00%
Support seedling development for enrichment of coastal area in Kuala Meurisi	Dusun Kuala Meurisi	12/1/2006	5/31/2007	182	20	20.00%
NAD/Krueng Sabee River Rehabilitation in Keudee Krueng Sabee Village	Keudee Krueng Sabee	12/1/2006	1/31/2007	31	25	4.00%
NAD/ Support seedling development for enrichment of coastal area rehabilitation in Desa Lamseunia	Lamseunia	12/1/2006	5/31/2007	182	22	18.20%
QR9/Support seedling development for enrichment of coastal area in Lamseunia	Lamseunia	12/1/2006	5/31/2007	182	23	17.40%
NAD/Land Rehabilitation in Blang Lambaro	Blang Lambaro	12/1/2006	1/8/2007	39		NA
Training Compos for Ginger Community Based Solid Waste Management In Sei Mati Sub District Medan Maimun, Medan City	Sei Mati, Sub District Medan Maimun, Medan City	4/1/2007	4/2/2007	2	40	25.00%
Pengembangan Program Desa Sukorejo	dusun gadingan dan dusun semen Sukorejo	4/1/2007	9/28/2007	183	43	48.80%
Pengembangan program desa Sukomulyo	dusun semen dan dusun kliwonan	4/1/2007	9/28/2007	183	35	34.30%
Pengembangan Program di Desa Mangunrejo	Dusun Jombong Desa Mangunrejo	4/1/2007	9/28/2007		57	45.60%
Pegembangan program di Desa Salaman	Dusun Kauman dan Dusun Brengkel	4/1/2007	9/28/2007		48	60.40%

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Pengembangan Kebun bibit Desa di Desa Menoreh	4 Lokasi (Dusun Pranan Wetan, Dusun Candi, Dusun Alun – alun, Dusun Juru Sawah)	4/1/2007	9/28/2007			94	8.50%
Water Quality Monitoring for Community Based Water Suplly System - Aceh Besar	PDAM Tirta Mountala Aceh Besar	4/1/2007	9/30/2007	18			NA
Increase Access Clean Water to Community in Nusa - Lhoknga Distric Aceh Besar Phase II	Desa Nusa	4/1/2007	7/9/2007	5	22		45.50%
INCREASE ACCESS CLEAN WATER TO COMMUNITY IN NUSA – LHOKNGA DISTRIC ACEH BESAR PHASE II	Desa Nusa	4/1/2007	4/30/2007	5	11		NA
Pengembangan program desa pucungroto	dusun jatinan dan dusun krajan	4/1/2007	9/28/2007			38	50.00%
Pengembangan program desa bumiayu	Dusun Kalipetong dan dusun mersen	4/1/2007	9/28/2007			25	56.00%
Pengembangan Program Di Desa Sangen	Dusun Sangen I dan Dusun sangen2	4/1/2007	9/28/2007			47	44.70%
Pengembangan program di Desa Kebonrejo	Dusun Karonglo dan Dusun Kebonkliwon	4/1/2007	9/28/2007			25	64.00%
Coomunity based campaign on solid waste	Kelurahan Arjowinangun, Bareng, Dinoyo and Mergosono	4/1/2007	4/25/2007	25			NA
Implementasi Pemilahan dan Pengolahan Sampah dan Hubungannya dengan diare oleh Kader Lokal	Kelurahan Wonokromo RW II, V, VI dan VII	4/1/2007	8/22/2007	240			NA
Implementasi Kampanye Cuci Tangan Dengan Sabun Melalui Pendampingan Kader Lokal	Kelurahan Wonokromo, RW II, V, VI dan VII	4/1/2007	8/22/2007	240	660		NA
Quartery Report 3, Water Quality Monitoring of PDAM Tirta Daroy, Banda Aceh	Water Treatment Plant Lambaro Tirta Daroy Banda Aceh	4/1/2007	6/30/2007	90	4		NA
Quartery Report 3, Water Quality Monitoring of PDAM Tirta Mountala	Water Treatment Plant Siron II Aceh Besar	4/1/2007	6/30/2007	90	2		0.00%
Advocacy for National Handwashing with Soap	Lapangan Monas Jakarta	4/1/2007	4/30/2007	1			NA
Coomunity based campaign on solid waste	Kelurahan Arjowinangun, Bareng, Dinoyo and Mergosono	4/1/2007	4/25/2007	25			NA
Identifikasi dan Pengumpulan Data Stakeholder Sub-DAS Cikapundung - Bandung	Bandung District	4/2/2007	7/31/2007				NA
Community Nursery Desa Wangunharja	Desa Wangunharja	4/2/2007	12/30/2007				NA
Sekolah Lapangan di Jatiarjo dan Dayurejo	Desa Jatiarjo-Dayurejo (berpindah-pindah)	4/2/2007	7/27/2007	65	26		50.00%
QR9/Rehabilitation of Krueng Raba River and its riparian area in Naga Umbang	Naga Umbang	4/2/2007	5/31/2007	60	33		27.30%
Pengembangan Program di Desa Sambak	Dusun Kebon Legi Desa Sambak	4/2/2007	9/28/2007			35	91.40%
Pengembangan Program di Desa Madugondo	Dusun Klusen	4/2/2007	9/28/2007				NA
Community Nursery Desa Suntenjaya	Desa Suntenjaya	4/2/2007	12/29/2007				NA
Community Nursery Desa Cikidang	Desa Cikidang	4/2/2007	12/29/2007				NA
QR9/Rehabilitation the riparian zone of Krueng Raba river in Naga Umbang	Naga Umbang	4/2/2007	5/31/2007	60	33		27.30%

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Capacity Building Workshop for Sumatra Field Assistants on the Field School Implementation	Berastagi-Karo	4/3/2007	4/5/2007	3	27	48.10%
Pelatihan Enumerator - Sensus Pelanggan - Non Pelanggan PDAM Kota Yogyakarta	Aula PDAM Kota Yogyakarta	4/3/2007	4/4/2007	2	29	51.70%
School Workshopn on the important of hand washing with soap campaign to student	Wisma Pertamina Sawunggaling Bandung	4/4/2007	4/4/2007	1	25	76.00%
Sekolah Lapangan Desa Jatirejoyoso dan Curungrejo	Balai Desa Curungrejo	4/8/2007	6/24/2007	78	23	56.50%
AKSI SEMUT as a implementation of solid waste management	Cijambe village	4/8/2007	9/19/2007	6	25	32.00%
Pengembangan Program di Desa Sukomakmur	Dusun Naden dan Krandegan Desa Sukomakmur	4/9/2007	9/28/2007		42	26.20%
Pengembangan Program di Desa Krumpakan	Dusun Krumpakan dan Dalangan Desa Krumpakan	4/9/2007	9/28/2007		25	48.00%
Pengembangan Program di Desa Sutopati	Dusun Kopeng Wetan dan Dusun Mentengan Desa Sutopati	4/9/2007	9/28/2007		41	31.70%
Pengembangan Program di Desa Banjaragung	Dusun Merjoyo Desa Banjaragung	4/9/2007	9/28/2007		40	55.00%
ToT Operational and Maintenance MCK Community Based Sanitation System II	Kampung Baru village, Medan Maimun Sub-District, Medan City, North Sumatra	4/9/2007	4/10/2007	2	36	22.20%
Training Spatial Planning of Camat, Aceh Besar Distric	Jantho, Aceh besar Distric	4/10/2007	4/11/2007	2	23	0.00%
Lokakarya Evaluasi Pengelolaan Sampah Berbasis Masyarakat	Kantor Kelurahan Ngampilan, Yogyakarta. Selasa, 10 April 2007	4/10/2007	4/10/2007	1	27	44.40%
Training on Bahavior Change Cpmmunication to posyandu cadres and community leaders	Wangunharja Village	4/10/2007	4/12/2007	3	24	70.80%
Training cadre on solid waste management	Kelurahan Bareng, Arjowinangun, Dinoyo and Mergosono	4/10/2007	5/31/2007	51	230	63.50%
SLA Field School di Desa Krinjing	Desa Krinjing	4/10/2007	5/31/2007	51	25	36.00%
SLA Field School di Desa Ngargomulyo	Dusun Gemer Ngargomulyo	4/10/2007	5/31/2007	53	25	36.00%
SLA Field School di Desa Kemiren	Desa Kemiren	4/10/2007	5/31/2007	51	25	60.00%
SLA Field School di Desa Keningar	Desa Keningar	4/10/2007	5/31/2007	51	25	36.00%
Training on community mapping in Batu Mbelin, Sibolangit, Nature Resource Boundary, Deli Watershed	Batum Mbelin Village	4/10/2007	4/11/2007	2	35	42.90%
QR9/Workshop Penyusunan Rencana Aksi Forum Peduli Krueng Lageun (FPKL)	Calang	4/10/2007	4/27/2007	18	20	0.00%
Pelatihan kader hand washing with soap di RW II dan RW V Wonokromo	Balai RW II Wonokromo	4/10/2007	4/11/2007		36	88.90%
SLA Field School di Desa Ngargosoko	Dusun Soko	4/11/2007	5/31/2007	51	25	44.00%
On The Job Training For Sensus Pelanggan Di Kabanjahe PDAM Tirta Malem Kabupaten Karo	PDAM Tirta Malem Kabupaten Karo	4/11/2007	4/12/2007	2	10	10.00%

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SL-SLA CGH Community, Desa Gulon Wilayah Sub-DAS Blongkeng	Dusun Dangean, Desa Gulon, Kecamatan Salam, Kabupaten Magelang	4/11/2007	9/28/2007	180	25	40.00%
Pesantren Ar-Raudhatul Hasanah Training in Community Base Solid Waste Management (Phase II)	Pesantren Ar-Raudhatul Hasanah Medan Tuntungan	4/12/2007	4/13/2007	2	50	40.00%
Sekolah Bersih dan Hijau	SD Cijambe	4/12/2007	4/12/2007	1	17	52.90%
Konsultasi Publik dalam Pengelolaan DAS melalui Proses Pembelajaran Bersama	Kota Batu	4/12/2007	4/12/2007	1	50	4.00%
QR9/Training Pembuatan Kompos dan PPC bagi guru dan siswa SLTP Kota Banda Aceh serta Penghijauan pekarangan sekolah	SLTP 19 Kota Banda Aceh	4/12/2007	4/16/2007	5	220	45.50%
SLA Field School di Desa Ngablak	Dusun Jengglik	4/13/2007	5/31/2007		25	36.00%
QR9/Monev persentase pertumbuhan tanaman pantai Kuala Meurisi	Kuala Meurisi	4/15/2007	4/22/2007	8	10	0.00%
QR3.07/Penyulaman Tanaman Jaloh Di Pinggiran Sungai Krueng Lageun Desa Sawang	Desa Sawang	4/15/2007	5/5/2007	21		NA
Serial Workshop untuk Penyusunan Rencana Kemitraan LMDH:Upaya Membangun Hutan Kemasyarakatan di Kota Batu	4 villages in Kota Batu	4/16/2007	5/7/2007	8	128	0.00%
LATIHAN PEMBEKALAN PELAKSANAAN AKSI LAPANGAN OLEH MASYARAKAT DALAM RANGKA SEKOLAH LAPANGAN DI SUB-DAS CIKAPUNDUNG	Balai latihan pegawai pertanian Kayu Ambon - Lembang	4/16/2007	4/19/2007	4	33	36.40%
LATIHAN PEMBEKALAN PELAKSANAAN AKSI LAPANGAN OLEH MASYARAKAT DALAM RANGKA SEKOLAH LAPANGAN DI SUB-DAS CIKAPUNDUNG	Lembang	4/16/2007	4/19/2007	4	31	38.70%
Community Based Water Supply Institutional Training in Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	4/16/2007	4/18/2007	3	43	86.00%
On The Job Training MPA for American Red Cross Facilitator (Technical Team)	Banda Aceh	4/16/2007	4/21/2007	6	26	11.50%
Survey / Collecting data for utilization on clean water & sanitation facilities in RW. 04 Kelurahan Jembatan Besi Kecamatan Tambora, Jakarta Barat/ Data Collecting	Rw. 04 Kelurahan Jembatan Besi Kecamatan Tambora, Jakarta Barat	4/16/2007	4/27/2007	10		NA
Pelatihan Komunikasi Perubahan Perilaku	Nagrak/Balai desa	4/17/2007	4/19/2007	3	24	66.70%
Development of Payment For Environmental Services in Sub DAS Berantas Hulu	Kantor Desa Punten, Bumi Aji Kota Batu	4/17/2007	8/31/2007	30		NA
Refresh Potensial Partners dari Sekolah tentang Konsep Bersih dan Kegiatan Cuci Tangan Pakai Sabun	ESP Office	4/17/2007	4/23/2007	7	32	68.70%

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Training Spatial Planning of Pemda and DPRD, Aceh Besar Distric	Jantho, Aceh Besar Distric	4/18/2007	4/20/2007	3	34	20.60%
Sarasehan 1 Hari tentang Sekolah Bersih, Hijau dan Sehat	Kantor ESP Yogyakarta	4/19/2007	4/19/2007	1	16	56.20%
Clean Green Hygiene School in Sub DAS Tangsi	SDN 2 Sutopati, SDN Sambak, SDN 2 Salaman, SDN Menoreh	4/20/2007	9/28/2007	150		NA
QR9/Implementasi RA FPKL-Rehabilitasi Lahan Tandus di Wilayah Ulu Masen, Kemukiman Lageun	Kemukiman Lageun	4/20/2007	5/20/2007	30	23	8.70%
MoU on PES to support upper watershed and TNGP conservation	PKBM Kebun Petey, PKBM Sukatani, Forpela, BTNGP	4/20/2007	5/5/2007	16		NA
QR9/FGD dan monitoring rehabilitasi perkarangan (Aksi Besar SL) di Baroh Krueng Kala dan Glee Bruek	Desa Glee Bruek dan Desa Baroh Krueng Kala, Lhoong Aceh Besar	4/20/2007	5/30/2007	40	34	58.80%
Peringatan Hari Bumi dan On The Job Training	Desa Tembung dan Universitas Sumatera Utara	4/20/2007	4/25/2007	6	62	32.30%
Penyuluhan Cuci Tangan Pakai Sabun di 10 SD di Kota Medan	10 Schools in Kota Medan	4/21/2007	5/14/2007	14		NA
Kampanye Nasional Cuci Tangan Pakai Sabun, Surabaya, 6 Mei 2007	Tugu Pahlawan, Surabaya	4/21/2007	5/6/2007	16	2500	50.00%
Implementasi dari rencana aksi Field School Lampuuk, Lhoknga Aceh Besar	Kemukiman Lampuuk, Balai pertemuan	4/22/2007	6/6/2007	46	150	33.30%
Management Training for Midlle Manager	YPTD Perpamsi Jakarta	4/23/2007	5/5/2007	14	3	0.00%
QR9/Workshop Perlindungan Krueng Jrue Hilir	Desa Jruek Balee	4/23/2007	5/14/2007	22		NA
Pelatihan Aplikasi Sistem Informasi Geografi PDAM Kota Surabaya, Kab. Sidoarjo, Kab. Gresik, Balai TAHURA R. Soerjo and PERHUTANI KPH Malang	ESP Surabaya office	4/23/2007	4/27/2007	5	10	0.00%
Project Accountant Training	ESP Jakarta Office	4/23/2007	4/25/2007	3	12	50.00%
SL Pengembangan Program CGH Community, Gondolayu, Kota Yogyakarta	Balai RW 10 - Kampung Gondolayu	4/23/2007	9/28/2007	170	27	74.10%
Sekolah Lapangan Aksi Rintisan dan Pengembangan Program Pengelolaan Sampah Berbasis Masyarakat	rumah warga (peserta SL) di kampung Kuarasan, Kabupaten Sleman	4/23/2007	9/24/2007	180	28	96.40%
SL Pengembangan Program CGH Community - Ngampilan	Balai RW 1 - Kampung Ngampilan	4/23/2007	9/24/2007	165	27	55.60%
Community Nursery Desa Tambak Mekar, Subang	Desa Tambak Mekar	4/23/2007	8/30/2007			NA
Community Nursery Desa Cirangkong Kabupaten Subang	Desa Cirangkong	4/23/2007	8/30/2007			NA
Community Nursery Desa Gunungtua, Subang	Desa Gunungtua	4/23/2007	8/30/2007			NA
Training on Management & Basic Accounting for PDAM Staff	ESP OFFICE MEULABOH	4/24/2007	5/1/2007	8	15	33.30%
Environmental Education Gathering	ESP Office	4/24/2007	4/24/2007	1	29	20.70%
Jatim Implementation for National Campaign for Handwashing with Soap	Lapangan Tugu Pahlawan, Surabaya	4/24/2007	5/31/2007			NA

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Training on Community Based Solid Waste Management for Jatirejoyoso and Kepanjen Community	Panji Kepanjen	4/25/2007	4/25/2007	1	49	40.80%
Lokakarya Perencanaan Clean Green Hygiene School in Yogyakarta/Magelang	Pusat Pengembangan Masyarakat Studio Audio Visual, Jl. Kaliurang km 8, Sleman - Yogyakarta	4/25/2007	4/26/2007	2	54	51.90%
Water Monitoring in Tangsi Sub-Watershed	8 locations at Tangsi Sub-Watershed	4/25/2007	9/27/2007		42	50.00%
On The Job Training For Sensus Pelanggan Di Kabanjahe PDAM Tirta Malem Kabupaten Karo (Fase II)	PDAM Tirta Malem Kabupaten Karo	4/25/2007	4/27/2007	3	10	10.00%
Follow-up Aksi Kelompok Perempuan di desa Semangat Gunung	Desa Semangat Gunung	4/25/2007	4/28/2007	4	19	89.50%
Jabar Implementation for National Campaign for Handwashing with Soap	Lapangan Parkir (depan) Gedung Sate Bandung	4/25/2007	5/31/2007			NA
QR9/House Garden Rehabilitation in Desa Glee Bruuk	Desa Glee Bruuk	4/25/2007	5/25/2007	30	200	16.00%
QR9/House Garden Rehabilitation in Desa Baroh Krueng Kala	Desa Baroh Krueng Kala	4/25/2007	5/25/2007	30	112	20.50%
Training on Community Based Solid Waste Management for Temas Kota Batu Community	Balai RW XI Temas Kota Batu	4/26/2007	4/26/2007	1	57	57.90%
North Sumatra Implementation for National Campaign for Handwa	Lapangan Benteng, Kodya Medan	4/26/2007	5/6/2007	11		NA
NRW Reduction and Household Census Program at Pucang Sawit Area - PDAM Kota Surakarta		4/26/2007	10/1/2007			NA
Study Tour on Community Based Solid Waste Management for community desa Jatirejoyoso dan Kelurahan Kepanjen Kab Malang	Kelurahan Wonokromo dan Jambangan	4/28/2007	4/28/2007	1	50	54.00%
Peringatan Hari Bumi	Desa Tembung, Kecamatan Percut Sei Tuan, Kabupaten Deli Serdang	4/28/2007	4/29/2007	2	70	41.40%
Peringatan Hari Bumi	SMA Harapan Medan dan Desa Tembung, Percut Sei Tuan, Deliserdang	4/28/2007	4/29/2007	2	70	41.40%
Socialization to Community for Preparation Development of Septic Tank Communal	Kel. Pasirluyu Kota Bandung	4/29/2007	4/29/2007	1	45	11.10%
Topography mapping for community based water supply system in Desa Naga Uembang	Desa Naga Uembang, Kec. Lhoknga, Kab Aceh Besar	4/30/2007	5/3/2007	4	48	0.00%
WSM Plan and Forum Socialization	15 Villages in Tangsi Sub-Watershed (Sukomakmur, Sutopati, Sukorejo, Sukomulyo, Krumpakan, Banjaragung, Mangunrejo, Sambak, Bumiayu, Sangen, Pucungroto, Madugondo, Menoreh, Salaman, Kebunrejo	5/1/2007	6/15/2007	50	44	22.70%
NAD / Pelatihan pembuatan filter air bersih untuk masyarakat Desa Krueng Lamkareung	Meunasah desa krueng lamkareung, Indrapuri, Aceh besar	5/1/2007	5/12/2007	12	27	40.70%

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Socialization of CBSWM process on community	Cijambe village	5/1/2007	5/1/2007	1	44	50.00%
Increase Access Clean Water to Community in Nusa – Lhoknga Distric Aceh Besar Phase II	Desa Nusa	5/1/2007	7/20/2007	15	18	77.80%
QR9/Traning Pembuatan Kompos Bagi Fasilitator Community Nursery di Desa Jreuk Balee	Jreuk Balee	5/1/2007	5/4/2007	4	10	0.00%
QR9/Workshop Penyusunan Rencana Aksi FAMS	SAREE	5/1/2007	5/2/2007	2	23	17.40%
Socialization, Asistance and Capacity Building for Community	Kab. Cianjur	5/1/2007	9/15/2007	125	100	40.00%
Sosialisasi dan diskusi program pengelolaan air bersih berbasis masyarakat		5/1/2007	4/8/2007	7		NA
Sanitation Strategic Planning serial FGDs	ESP Malang Office	5/1/2007	9/30/2007	100		NA
Demonstrasi Pengelolaan Sampah di sekolah Kelurahan Dinoyo, Mergosono, Bareng, dan Arjowinangun, Kota Malang	Sekolah Kelurahan Bareng (SDN Bareng II dan III) Sekolah Kelurahan Arjowinangun (SDN Arjowinangun I dan II dengan satu MI) Sekolah Kelurahan Mergosono (SDN Mergosono VIII dan TK Taman Putra) Sekolah Kelurahan Dinoyo (SD Dinoyo I dan III)	5/1/2007	6/2/2007	31	129	60.50%
Penyediaan Sarana Kampanye Perilaku Hidup Bersih dan Sehat Secara Terpadu		5/3/2007	5/11/2007			NA
Training on Community Based Solid Waste Management for Desa Pandan Rejo Kota Batu Community	Desa Pandan Rejo	5/3/2007	5/3/2007	1	104	55.80%
Discussion on Corporate Plan about Financial Program, PDAM Tirta Mountala Aceh Besar	PDAM Aceh Besar Office in Jantho	5/4/2007	5/4/2007	1	3	66.70%
Pojok Diskusi di SDN Gondolayu, Cokrokusuman	SDN Gondolayu - Cokrokusuman	5/6/2007	8/31/2007		30	66.70%
Pembelajaran Model Sekolah Bersih dan Hijau di SDN Gondolayu - Cokrokusuman	SDN Gondolayu - Cokrokusuman	5/6/2007	8/31/2007	117	12	58.30%
Pembelajaran Model Sekolah Bersih dan Hijau di SDN Sutopati 2	SDN Sutopati 2	5/6/2007	8/31/2007	117	43	37.20%
Pojok Diskusi di SDN Sutopati 2	SDN Sutopati 2	5/6/2007	8/31/2007	117	33	60.60%
Pojok Diskusi di SDN Salaman 2	SDN Salaman 2	5/6/2007	8/31/2007	117	31	54.80%
Pembelajaran Model Sekolah Bersih dan Hijau di SD 2 Muhammadiyah Ngampilan	SD 2 Muhammadiyah Purwodiningratan, Ngampilan	5/6/2007	8/31/2007	117	15	60.00%
Pembelajaran Model Sekolah Bersih dan Hijau di SDN Salaman 2	SDN Salaman 2	5/6/2007	8/31/2007	117	31	51.60%
Pojok Diskusi di SDN Menoreh	SDN Menoreh	5/6/2007	8/31/2007		30	53.30%
Pojok Diskusi di SDN Sambak	SDN Sambak	5/6/2007	8/31/2007	117	30	50.00%
Pembelajaran Model Sekolah Bersih dan Hijau di SDN Sambak	SDN Sambak	5/6/2007	8/31/2007	117	33	48.50%

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Pembelajaran Model Sekolah Bersih dan Hijau di SDN Menoreh	SDN Menoreh	5/6/2007	8/31/2007	117	41	39.00%
Pojok Diskusi di SD 2 Muhammadiyah, Ngampilan	SD 2 Muhammadiyah Purwodiningratan, Ngampilan	5/6/2007	8/31/2007	117	50	60.00%
Initial Action Field School di Desa Ngargosoko	Desa Ngargosoko	5/6/2007	8/7/2007	71	25	36.00%
Transect & participatory mapping for collaboration site USAID-JBIC	Kecamatan Medan Denai	5/7/2007	5/25/2007	19	62	27.40%
Field Day 2007 Sub-DAS Cikapundung	Balai Desa Wangunharja Kec. Lembang, Kab. Bandung	5/7/2007	5/9/2007	3	217	38.70%
INCREASE ACCESS CLEAN WATER TO COMMUNITY IN NUSA – LHOKNGA DISTRICT ACEH BESAR (PHASE II)	Desa Nusa Kec. Lhoknga, Kab. Aceh Besar	5/7/2007	7/27/2007	25	10	20.00%
Training of Trainer local facilitator	Lhoong, Aceh Besar	5/8/2007	5/11/2007	4	12	50.00%
Community Based Sanitation Assessment	Kota Yogyakarta	5/9/2007	6/2/2007	30	40	2.50%
Pelatihan Enumerator - Sensus Pelanggan - Non Pelanggan PDAM Kota Surakarta	Aula PDAM Kota Surakarta	5/9/2007	5/10/2007	2	35	34.30%
Rintisan Pemantauan Kualitas dan Kuantitas Air	Gedung DPRD and in the field	5/10/2007	9/14/2007			NA
QR9/Support seedling for House Garden Rehabilitation in Lhong Sub District II	Kecamatan Lhong	5/10/2007	5/31/2007	22	330	16.70%
Forkap Forum Konservasi Tahura Bukit Barisan	Wisma Miranda, Jaranguda, Berastagi	5/11/2007	5/13/2007	3	31	9.70%
ESP MAnagement Meeting	Puri Asri Hotel-Magelang	5/13/2007	5/16/2007	3.5	37	35.10%
Penelusuran lokasi (transect) Desa Sikeben untuk menataan desa konservasi sebagai mendukung konsep tabungan konservasi berbasis sekolah dan masyarakat	Desa Sikeben, Kecamatan Sibolangit, Kabupaten Deli Serdang	5/14/2007	5/16/2007	3	4	0.00%
QR9/Implementasi RA FAMS-Pengayaan di Kawasan Sumber Air Alur Mancang	Alur Mancang, Saree	5/14/2007	6/15/2007	30	10	NA
Promoting habitual Hand Washing Soap to Improve Hygiene behaviour among Household of under Three Children	Nagrak	5/14/2007	6/11/2007		26	69.20%
Festival Bersih	Cijambe	5/14/2007	6/10/2007			NA
QR9/Monitoring Rehabilitasi Kr. Inong di Desa Wuue dan Jantho Lama	Kr. Inong	5/14/2007	5/16/2007	3		NA
Kampanye Pengelolaan Sampah Di Sekolah Kelurahan Dinoyo, Mergosono, Bareng, dan Arjowinangun, Kota Malang	Sekolah Kelurahan Bareng (SDN Bareng II dan III) Sekolah Kelurahan Arjowinangun (SDN Arjowinangun I dan II dengan satu MI) Sekolah Kelurahan Mergosono (SDN Mergosono VIII dan TK Taman Putra) Sekolah Kelurahan Dinoyo (SD Dinoyo I dan III)	5/15/2007	6/15/2007			NA

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QR9/Implementasi RA SL-Rehabilitasi sekitar bantaran sungai, lahan kebun dan pekarangan di Ulee U	Desa SL Ulee-U	5/15/2007	6/8/2007	25	25	40.00%
QR9/Implementasi RA FAMS-Sosialisasi Forum Alur Mancang Saree	SAREE	5/15/2007	6/15/2007	30	100	0.00%
Sekolah Bersih dan Hijau	SD Dampit	5/16/2007	5/17/2007	2	24	33.30%
QR9/Implementasi RA SL-Rehabilitasi Tanaman Pekarangan, Perkebunan, dan Pinggiran sungai di Kp. Seulumuem	Desa Kp. Seulumuem	5/16/2007	6/10/2007	25		NA
PENYUSUNAN TATA RUJANG MIKRO (DESA) DALAM MENDUKUNG PEMBANGUNAN YANG BERKELANJUTAN DI DESA PENAMPEN B, KEC. BARUS JAHE, KAB. KARO	Penampen Village	5/17/2007	8/31/2007	106	13	0.00%
SUSTAINABLE LIVELIHOOD ASSESSMENT (SLA) DALAM UPAYA PELESTARIAN LINGKUNGAN HIDUP DI HULU DAS WAMPU: Desa TANGKIDIK, KECAMATAN BARUS JAHE, Kabupaten KARO, SUMATERA UTARA.	jambur Tangkidik	5/17/2007	8/31/2007	106	30	36.70%
PELATIHAN PEMBIBITAN DAN PERBANYAKAN TANAMAN DI DESA SERDANG, KECAMATAN BARUS JAHE, KABUPATEN KARO	Serdang Village	5/18/2007	5/31/2007	14	23	43.50%
TOT local organization for community based water supply		5/19/2007	5/21/2007	3	23	8.70%
QR10/Field School in Pantee Kuyuen Village - Aceh Jaya District	Pantee Kuyuen Village	5/20/2007	8/31/2007	100	30	33.30%
Masyarakat Bersih dan Sehat	Mekarjaya	5/21/2007	7/31/2007		20	65.00%
Sosialisasi Pemilahan Sampah dan Kebersihan Lingkungan Desa	Desa Gungsari Kec. Pagedan Kab. Subang	5/21/2007	9/20/2007	30	60	20.00%
Quality Control For CBSWM at Kel. Tamansari Kota Bandung	Kel. Tamansari Kota Bandung	5/21/2007	9/30/2007	2	15	33.30%
SCOPE OF WORK DUKUNGAN RENCANA TINDAK LANJUT SLA-LATERSIA DI DESA PUANGAJA KECAMATAN SIBOLANGIT KABUPATEN DELISERDANG (KAMPANYE: Penanaman Pohon Sepanjang Jalan dan Bantaran Sungai, Pemasangan Plank dan Pemutaran Film)	CHIEF OF VILLAGE OFFICE	5/21/2007	5/21/2007	1		NA
Monitoring Water Quality 3 SubDAS in West Java	SubDAS Cikapundung, SubDAS Cikundul-Cilaku, SubDAS Cileuleuy-Cilamatan	5/21/2007	5/31/2007	8		NA
Pelatihan Dokter Kecil in 7 Elementary School Tamansari	SD Pertiwi	5/22/2007	5/24/2007	3	96	58.30%

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Community Based Water Supply Institutional Training in Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	5/22/2007	5/24/2007	3	37	86.50%
Sekolah Lapangan di Srigading	Balai Desa Srigading	5/23/2007	7/26/2007	65	25	40.00%
ZAMP workshop	PDAM Surabaya meeting room	5/24/2007	5/25/2007	2	62	16.10%
QR9/Monitoring tanaman pantai setelah bencana gelombang pasang laut	Calang	5/24/2007	6/8/2007	16	8	0.00%
Pindah ke WS I-4 Ulu Masen QR9/Implementasi RA FPKL-FGD Rehabilitasi daerah pinggiran Sungai Kr Lageun	Desa Sapek	5/25/2007	5/31/2007	7	20	0.00%
SEKOLAH LAPANGAN (SL) DESA DOULU, KECAMATAN DOLAT RAKYAT, KABUPATEN KARO	Desa Doulu	5/25/2007	9/15/2007	113	26	53.80%
QR9/Implementasi RA FPKL-FGD Rehabilitasi daerah pinggiran Sungai Kr Lageun	Desa Sapek	5/25/2007	5/31/2007	7	20	0.00%
Focus Group Discussion in Mukim Blang Mee - Spatial Planning for Water Supply Sector in Lhoong, Aceh Besar Distric	Meunasah Teungoh Geunteut, Mukim Blang Mee, Lhoong, Aceh Besar	5/26/2007	5/26/2007	1	35	0.00%
Peresmian Lokasi Model Hutan Rakyat RHLHP di Kecamatan Sukaresmi Kabupate Cianjur Tgl 27 Mei 2007	Kecamatan Sukaresmi Kabupaten Cianjur	5/27/2007	5/27/2007	1	15	33.30%
Rehabilitasi daerah pinggiran sungai Krueng Lageun oleh Forum FPKL di Kemukiman Lageun	Kemukiman Lageun	5/28/2007	6/30/2007	34	95	2.10%
SCOPE OF WORK DUKUNGAN RENCANA TINDAK LANJUT SLA-LATERSIA DI DESA PUANGAJA KECAMATAN SIBOLANGIT KABUPATEN DELISERDANG (Pembangunan rumah bibit dan pembibitan serta pelatihan sambung pucuk/tempel mata tunas	Farm of Puangaja Village	5/28/2007	6/11/2007	15		NA
QR9/Rehabilitasi pinggiran sungai Krueng Lageun oleh FPKL di Kemukiman Lageun	Kemukiman Lageun	5/28/2007	6/30/2007	34	95	2.10%
FGD for new collaboration site USAID-JBIC	Lingkungan 6, Kel. Denai, Kec. Medan Denai	5/29/2007	6/4/2007	7	30	3.30%
Workshop Community Based Sanitation for Teras	ESP Malang Office Meeting Room	5/30/2007	5/30/2007	1	16	12.50%
Water Quality Control of CBSWM and CBSW on 4 villages at Kabupaten Cianjur	Desa Mangunkerta, Nagrak, Sukamaju dan Padaluyu	5/30/2007	9/30/2007	3	35	42.90%
PEMBIBITAN DAN PENANAMAN DI LAHAN KRITIS, LAHAN MASYARAKAT DAN SEKITAR SUNGAI DI DESA PENAMPEN B, KEC. BARUS JAHE, KAB. KARO	Penampen Village	5/30/2007	5/30/2007	1	13	23.10%
PEMBIBITAN DAN PENANAMAN DI LAHAN KRITIS, LAHAN MASYARAKAT DAN SEKITAR SUNGAI DI DESA PENAMPEN B, KEC. BARUS JAHE, KAB. KARO	Penampen Village	5/30/2007	5/30/2007	1		NA

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QR9/Rehabilitasi lahan Pekarangan Masyarakat Desa le Masen Kayee Adang	Desa le Masen Kayee Adang	5/30/2007	6/10/2007	12		NA
Lokakarya Jaringan Petani Ekologis Lembah Sibayak	Desa Semangat Gunung, Kecamatan Simpang Empat, Kabupaten Karo	5/30/2007	5/31/2007	2	20	15.00%
Ubah perilaku keseharian demi keselamatan hidup balita Indonesia!	Surabaya & Malang Area	5/30/2007	6/29/2007	30	20	60.00%
SWOT FGD PDAM Tirta Meulaboh Corporate Plan	PDAM Tirta Meulaboh	5/30/2007	5/30/2007	1	17	64.70%
Workshop I Medan City Sanitation Strategies	Medan City Hall	5/31/2007	5/31/2007	1	48	25.00%
Spatial planning for water supply sector in Lhoong, Aceh Besar Distric	Kecamatan Lhoong, Kabupaten Aceh Besar	6/1/2007	7/31/2007	60		NA
Increase Access Clean Water to Community in Nusa - Lhoknga Distric Aceh Besar Phase II	Desa Nusa	6/1/2007	7/9/2007	4	14	42.90%
QR9/Training Pelatihan Lebah Madu bagi masyarakat desa dalam Forum FAMS, FKG dan FPKL	Medan	6/1/2007	6/30/2007	30	8	0.00%
ESP WSM Farmer Field School Rumah Pil-Pil Vilage	Kantor Kepala desa Rumah Pil-pil	6/1/2007	9/8/2007	98	53	22.60%
SUSTAINABLE LIVELIHOOD ASSESSEMENT (SLA) DALAM UPAYA PELESTARIAN LINGKUNGAN HIDUP DI HULU DAS WAMPU (EKOSISTEM TAHURA) Desa Sikab, Kabupaten KARO, SUMATERA UTARA.	Jambur Desa Sikab	6/1/2007	8/31/2007	91	104	9.60%
SEKOLAH LAPANGAN UNTUK MENDORONG GERAKAN MASYARAKAT DALAM UPAYA PELESTARIAN LINGKUNGAN HIDUP DI DAS DELI/SUB DAS LAU PETANI Desa BUKUM KECAMATAN SIBOLANGIT Kabupaten DELI SERDANG PROGRAM KOLABORATIF ANTARA ESP SUMATERA UTARA DAN PEMERINTAH KABUPATEN DELI SERDANG	chief of village office	6/1/2007	9/8/2007	98	29	34.50%
SEKOLAH LAPANGAN – SLA DI DESA BATU LAYANG DI HULU DAS DELI, SUBDAS LAU PETANI (KECAMATAN SIBOLANGIT, KABUPATEN DELI SERDANG)	jambur	6/1/2007	8/8/2007	98	20	10.00%
GOTONG ROYONG PEMBERSIHAN MATA AIR KAWASAN LEMBAH SIBAYAK DAN PENANAMAN POHON	Lembah Sibayak	6/1/2007	6/2/2007	2	61	24.60%
Spatial planning for water supply sector in Kaway XVI sub distric, Aceh Barat distric	Kaway XVI sub distric and Mereubo sub distric, Aceh Barat distric	6/1/2007	7/31/2007	60		NA
Assistance sub distric grant strategic for spatial planning, Lhoknga subdistric, Aceh Besar distric	Lhoknga sub distrik, Aceh Besar distric	6/1/2007	7/31/2007	60		NA

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Assistance sub distric grant strategic for spatial planning, Lhoong sub distric, Aceh Besar distric		6/1/2007	7/31/2007	60		NA
PROGRAM and Action Plan FGD PDAM Tirta Meulaboh Corporate Plan	PDAM Tirta Meulaboh	6/1/2007	6/1/2007	1	17	64.70%
Focus Group Discussion in Mukim Cot Jeumpa - Spatial Planning for Water Supply Sector in Lhoong, Aceh Besar Distric	Mesjid Krueng Kala, Mukim Cot Jeumpa, Lhoong, Aceh Besar	6/1/2007	6/1/2007	1	30	0.00%
communication acitivites support in cianjur	various locations in cianjur	6/1/2007	7/31/2007			NA
Review Tariff for PDAM Aceh Barat	PDAM Aceh Barat	6/1/2007	8/31/2007	90	13	30.80%
KAMPANYE KONSERVASI SUNGAI	Kantor kepala desa bandar baru	6/2/2007	6/10/2007	9	18	50.00%
PENANAMAN POHON DI SEKITAR SUNGAI LAU BADIGULAN DESA SERDANG, KECAMATAN BARUS JAHE, KABUPATEN KARO	Serdang village	6/2/2007	6/10/2007	9		NA
Focus Group Discussion in Mukim Lhoong - Spatial Planning for Water Supply Sector in Lhoong, Aceh Besar Distric	Balee Pertemuan Pasar Lhoong, Mukim Lhoong, Lhoong, Aceh Besar	6/2/2007	6/2/2007	1	13	0.00%
COMMUNITY WORKSHOP & FIELD DAY ON FIELD SCHOOL AT CILEULEUY-CILAMATAN SUB-WATERSHED LEVEL	Lapangan Kecamatan Jalan Cagak Subang	6/3/2007	6/5/2007	3	123	55.30%
Implementasi Kampanye Cuci Tangan dengan Sabun Sebagai Follow Up Kampanye Nasional Di Delapan Sekolah di Wonokromo	SD Aisyah SD Yapishton SD Al Furqon SD N Wonokromo II SD Dakwatul Hasanah SD Budi Darma SD N Wonokromo I SD Raden Rahmat	6/3/2007	9/30/2007			NA
QR9/FGD rehabilitasi tanaman tepi jalan Desa Sawang	Desa Sawang	6/3/2007	6/8/2007	6	16	25.00%
QR9/ FGD rehabilitasi lahan pekarangan masyarakat Dusun Babah Ngom	Dusun Babah Ngom	6/3/2007	6/8/2007	6	19	10.50%
SL Aksi Rintisan CGH Community, Desa Gulon Wilayah Sub-DAS Blongkeng	Dusun Dangean, Desa Gulon, Kecamatan Salam, Kabupaten Magelang	6/4/2007	8/17/2007	75	27	40.70%
Promoting Habitual Hand Washing with Soap to Improve Hygiene Behaviour among Household of under Three Children	Posyandu	6/4/2007	6/30/2007	31		NA
Pelatihan Strategi Komunikasi	Cianjur ESP's office	6/4/2007	6/4/2007	1	29	6.90%
Training pemasangan dan penggunaan Komposter Aerob	ESP Malang Office	6/5/2007	6/5/2007	1	25	52.00%
PELATIHAN PEMILAHAN SAMPAH DAN PENANAMAN DI SEKOLAH DASAR DESA SERDANG, KECAMATAN BARUS JAHE, KABUPATEN KARO DALAM RANGKA PERINGATAN HARI LINGKUNGAN HIDUP SEDUNIA	Sekolah Dasar	6/5/2007	6/6/2007	2	124	49.20%
Initial Action Field School di Desa Kemiren	Desa Keningar	6/5/2007	8/7/2007	71	25	60.00%

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Initial Action Field School di Desa Ngargomulyo	Desa Ngargomulyo	6/5/2007	8/7/2007	71	25	36.00%
Initial Action Field School di Desa Krinjing	Desa Krinjing	6/5/2007	8/7/2007	91	25	36.00%
Pembersihan Sampah Sungai Krueng Daroy	Banda Aceh	6/5/2007	6/7/2007	3	71	16.90%
Housing Garden / Land Rehabilitation in lee Maseen - Banda Aceh	lee Maseen	6/5/2007	8/25/2007	80		NA
On The Job Training and Data Analyze For Sensus Pelanggan di Kabanjahe Kabupaten Karo	PDAM Tirta Malem Kabupaten Karo	6/5/2007	6/7/2007	3	13	15.40%
Training on Community Based Solid Waste Management for Kelurahan Bareng Kota Malang Community	Kelurahan Bareng	6/6/2007	6/6/2007	1	33	63.60%
QR9-10/Field School in Suka Damai- Aceh Besar District	Suka Damai Village	6/6/2007	8/31/2007	87	22	68.20%
Lokakarya Evaluasi Penerapan Integrasi dan Penyusunan Rencana Strategi	Hotel Puri Asri, Magelang	6/6/2007	6/8/2007	3	33	30.30%
QR9-10/Field School in Jruek Bak Kreh- Aceh Besar Distrik	Jruek Bakkreh Village	6/6/2007	8/31/2007	87	30	33.30%
Discussion on Corporate Plan regarding funding source for 5 years program PDAM Tirta Mountala Aceh Besar	PDAM Office Branch of Siron - Aceh Besar	6/6/2007	6/6/2007	1	4	25.00%
Sekolah Lapangan di Gumeng	Rumah Kepala Desa Gumeng	6/7/2007	9/12/2007	99	25	20.00%
Socialization of Municipal Bond Policy to Local Governments	Aryaduta Hotel, Jakarta (The place is closed to Depkeu and Cheaper)	6/7/2007	6/7/2007	1		NA
Perbaikan dan Perawatan pada MCK dan Natural Wetland System Dusun Mon Bungong, Desa Lamkreut, Kec. Lhok Nga - Aceh Besar	MCK Dusun Mon Bungong Lamkreut Aceh Besar	6/7/2007	6/12/2007	6	30	96.70%
QR9-10/Field School in Aneuk Glee Village - Aceh Besar District	Aneuk Glee Village	6/7/2007	8/31/2007	86	30	50.00%
Sharing Kegiatan, field visit dan aksi PPSDA (Perempuan Peduli Sumber Daya Air) Hilir DAS Deli	Kota Medan	6/7/2007	6/22/2007	9		NA
PELATIHAN PERBANYAKAN TANAMAN DI DESA RUMAH SUMBUL, KECAMATN SIBOLANGIT, KABUPATEN DELI SERDANG	Rumah Bibit desa Rumah Sumbul	6/8/2007	6/24/2007	17	13	84.60%
Initial Action Field School di Desa Keningar	Desa Keningar	6/8/2007	8/10/2007	91	25	36.00%
Initial Action Field School di Desa Ngablak	Desa Ngablak	6/8/2007	8/10/2007	71	25	36.00%
Pelatihan untuk kader posyandu dalam rangka kampanye Manajemen Pengolahan Sampah	Kota Medan	6/8/2007	6/14/2007	6	30	93.30%
Kampanye Manajemen Pengolahan Sampah di Posyandu Semangat Gunung	Polindes Desa Semangat Gunung	6/8/2007	6/10/2007	3		NA
Focus group discussion, assistance sub distric grant strategic for spatial planning, Lhoknga subdistric, Aceh Besar distric	Lhoknga, Aceh Besar	6/8/2007	6/8/2007	1	18	5.60%

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PELATIHAN PERBANYAKAN TANAMAN DI DESA RUMAH SUMBUL, KECAMATN SIBOLANGIT, KABUPATEN DELI SERDANG	Rumah Bibit desa Rumah Sumbul	6/8/2007	6/24/2007	17		NA
Pelatihan Kader Posyandu di Wilayah Sub-DAS Tangsi	Balai Pelatihan Kesehatan, Salaman - Magelang	6/9/2007	6/10/2007	2	45	73.30%
Peringatan Hari Lingkungan Hidup Sedunia 2007 "Program Sekolah Berwawasan Konservasi Alam dan Lingkungan Hidup Kabupaten Deli Serdang"	SMP Negeri I Deli Tua, Kabupaten Deli Serdang, Sumatera Utara	6/9/2007	6/11/2007	3	223	53.80%
Peringatan Hari Lingkungan Hidup Sedunia 2007 "Program Sekolah Berwawasan Konservasi Alam dan Lingkungan Hidup Kabupaten Deli Serdang"	SMP Negeri I Deli Tua, Kabupaten Deli Serdang, Sumatera Utara	6/9/2007	6/11/2007	3	223	53.80%
TOT Conservation villages facilitator for 4I national park	Balai TNGP dan Desa Sindang Laya	6/11/2007	6/16/2007	6		NA
Comparative Studi Kader Pengelola Sampah Kel. Tamansari ke Surabaya	Kelurahan Wonokromo dan Kelurahan Jambangan Kota Surabaya	6/11/2007	6/14/2007	4	14	92.90%
QR9/Implementasi RA SL-Rehabilitasi lahan kebun, pekarangan dan pinggiran jalan di Desa Bueng	Desa SL Bueng	6/11/2007	7/4/2007	24		NA
Radio Campaign Magelang	Magelang City	6/11/2007	7/20/2007			NA
Radio Campaign Yogyakarta	Yogyakarta	6/11/2007	7/15/2007			NA
Media visit to CGH School Yogyakarta	SD Gondolayu	6/11/2007	6/30/2007			NA
Expert column in media	Yogyakarta	6/11/2007	7/20/2007			NA
Assesment Sekolah Lapangan siklus Ke II Kecamatan Lhoong Aceh Besar, Kecamatan Sampoiniet dan Krueng Sabee Aceh Jaya	Kecamatan Lhoong Aceh Besar, Kecamatan Sampoiniet dan Krueng Sabee Aceh Jaya	6/11/2007	6/16/2007	6	44	22.70%
Kampanye Menejemen Pengolahan Sampah di Posyandu	8 Posyandu	6/11/2007	6/26/2007	16		NA
Kampanye Cuci Tangan Pakai Sabun dan Menejemen Pengolahan Sampah	Desa Doulu - Karo	6/11/2007	6/17/2007	6		NA
Kampanye Menejemen Pengolahan Sampah di Posyandu Desa Sikeben	Jampur Desa Sikeben	6/11/2007	6/13/2007	3		NA
Capacity Building Workshop for Java-based ESP Field Assistants and Training on Participatory Monitoring and Evaluation	Hotel Mercure - Yogyakarta	6/12/2007	6/14/2007	3	30	40.00%
Capacity Building Workshop for ESP WSM Team	Yogyakarta	6/12/2007	6/14/2007	2	20	5.00%
"PERILAKU BERSIH DALAM PERSPEKTIF AGAMA"	Bale Riung Desa Limbangsari Cianjur	6/13/2007	6/13/2007	1	15	0.00%
TA for improving community based water delivery systems	in villages jointly selected by Pemkab. Malang and ESP	6/13/2007	9/28/2007			NA
Focus Group Discussion in Mukim Glee Bruek - Spatial Planning for Water Supply Sector in Lhoong, Aceh Besar Distric	Balai Pertemuan, Mukim Glee Bruek, Lhoong, Aceh Besar	6/13/2007	6/13/2007	1	27	0.00%

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Pelatihan peningkatan kapasitas kader untuk mengoptimalkan program CBSWM di RW XI Kapasari	Balai RW XI Kapasari	6/15/2007	6/15/2007	1	22	100.00%
NAD Development Exhibition, ESP Promotion	Meulaboh Aceh Barat	6/15/2007	6/18/2007	4		NA
Trial Survey for PDAM Surabaya Customer Census	ESP Office Surabaya and PDAM Service sub-zone 104 (Kelurahan Wonocolo)	6/15/2007	6/20/2007	7	16	68.70%
Focus Group Discussion, Spatial planning for water supply sector in Mukim Lageun, Kec. Setia Bakti, Aceh Jaya Distric	Desa Padang, Desa Pante Kuyun, Desa Sapek, Desa Gunong Meunasah, Desa Paya Laot, Desa Glee Subak, dan Desa Gampong Baroh	6/15/2007	6/19/2007	5	42	0.00%
Monitoring and Evaluation of Sustainable Sanitation Systems in Lhoknga, Calang and Meulaboh	Dusun Mon Bungong, Lamkruet, Lhoknga-Aceh Besar; Desa Rigaih, Desa Sayeung, Desa Jabi, Kec. Setia Bakti-Aceh Jaya; Dusun Kuala Meurisi, Suak Inrah Puri; Desa Peunaga Rayeuk; ESP Office, Meulaboh	6/15/2007	6/20/2007	6		NA
TV campaign on handwashing with soap	Jogja TV	6/18/2007	6/11/2007			NA
Campaign of Sanitation Development	Desa Mekarjaya	6/18/2007	8/31/2007	5	26	19.20%
Customer satisfactory survey PDAM Tirta Mountala Aceh Besar	PDAM Tirta Mountala	6/19/2007	7/30/2007	42	11	9.10%
Lokakarya Konservasi Sub DAS Blongkeng dan Tangsi	Pusat Penyelamatan satwa (PPS) Yogyakarta, Pengasih, Kulonprogo	6/19/2007	6/20/2007	2	58	25.90%
Support Campaign for Community Based Water Supply System in Suka Maju Village, Tanjung Pura Sub-district, Langkat Regency	This activity will conduct in Suka Maju village in Tanjung Pura Sub-District, Langkat	6/19/2007	6/20/2007	2	11	0.00%
DUKUNGAN RENCANA TINDAK LANJUT SLA-LATERSIA DI DESA PUANGAJA KECAMATAN SIBOLANGIT KABUPATEN DELISERDANG (SL-Cacao)	Farm in Puangaja village	6/20/2007	9/20/2007	93		NA
INDOWATER Exhibition and Conference	Jakarta Convention Centre	6/20/2007	6/22/2007	3		NA
Lokakarya Jaringan Petani Ekologis Lembah Sibayak Seri II	Aula Pemandian Rindu Alam, Desa Semangat Gunung, Kecamatan Simpang Empat, Kabupaten Karo	6/20/2007	6/21/2007	2	43	30.20%
QR10/Pengayaan Krueng Inong dan Rehabilitasi Lahan Masyarakat Desa Wue	Desa Wue	6/20/2007	7/20/2007	30	8	25.00%
QR10/Pengayaan Krueng Inong dan Rehabilitasi Lahan Masyarakat Jantho lama	Desa Jantho Lama	6/20/2007	7/20/2007	30	8	NA
Program Features Lingkungan dan Public Service Advertisement (PSA) di Agropolitan TV Dukungan kepada Program Manajemen Terhadap Kegiatan di kota Batu sebagai salah satu Integrated Site ESP USAID	Batu	6/20/2007	8/12/2007	45	30	50.00%
Pelatihan Kader Promosi Kesehatan dan Kebersihan	Pandanrejo - Batu	6/22/2007	6/25/2007	4	34	79.40%

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Safari Hari Lingkungan Hidup Sedunia Tahun 2007 Kabupaten Karo, Sumatera Utara	Lau Kawar, Karo	6/22/2007	6/24/2007			NA
Festival Bersih	Nagrak	6/24/2007	6/24/2007	1		NA
Promoting Habitual Hand Washing with Soap to Improve Hygiene behaviour through 'Tablik Akbar'	nagrak	6/24/2007	6/24/2007	1		NA
Pembuatan Film Dokumenter Tahura Bukit Barisan	Tahura Bukit Barisan	6/24/2007	7/6/2007	13		NA
Promoting Habitual Hand Washing with Soap to Improve Public Health in Nias	Gunung Sitoli Nias	6/25/2007	7/6/2007	2	15	53.30%
QR10/Rehabilitasi lahan pinggir jalan baru Desa Sawang	Desa Sawang	6/25/2007	7/13/2007	19	25	NA
QR10/ Rehabilitasi Tanaman Pekarangan Masyarakat di Dusun Babah Ngom	Dusun Babah Ngom	6/25/2007	7/6/2007	12	20	0.00%
QR10/ Penanaman kembali tanaman pantai di Dusun Babah Ngom	Dusun Babah Ngom	6/25/2007	7/13/2007	19	22	NA
QR10/ Rehabilitasi tanaman pantai yang terkena gelombang pasang dan pengayaan jumlah tanaman pantai di Kuala Meurisi	Kuala Meurisi	6/25/2007	7/13/2007	19	20	20.00%
Sosialisasi Peran Posyandu dalam Proses Perubahan Perilaku	15 desa di wilayah sub-DAS Tangsi	6/25/2007	8/31/2007			NA
NRW Reduction and Household Census Program at Mertoyudan Area - PDAM Kabupaten Magelang		6/25/2007	12/9/2007			NA
PELATIHAN PENGELOLAAN SAMPAH RUMAH TANGGA DI KAWASAN LEMBAH SIBAYAK	Lembah Sibayak	6/26/2007	6/27/2007	2		NA
Pelatihan Kader Promosi Kesehatan dan Kebersihan	Kelurahan Temas	6/26/2007	6/27/2007	2	35	85.70%
Sekolah Bersih, Hijau dan sehat (Penerapan Cuci Tangan pakai Sabun di Sekolah) Di Tamansari, Bandung	Schools	6/27/2007	8/10/2007			NA
Water for poor Exchange visit 3 PDAM	Medan	6/27/2007	6/28/2007	2		NA
QR10/ FGD Rehabilitasi Tanaman Pantai Desa Mon Mata	Desa Mon Mata	6/27/2007	6/29/2007	3	16	0.00%
Village Nursery and Land Rehabilitation in Tangsi Sub-watershed	Tangsi-Sub-watershed, Magelang	6/27/2007	8/31/2007	65		NA
QR10/ FGD Rehabilitasi Tanaman Pantai Desa Padang Datar	Desa Padang Datar	6/27/2007	6/29/2007	3	20	0.00%
Workshop in the development West Java Action Plan : Cikundul and Cilaku	Cianjur	6/27/2007	7/5/2007	9	82	12.20%
Development of 3 dimensional maps of Progo watershed	ESP Office	6/27/2007	8/31/2007	63		NA
Workshop 2 Final Medan City Sanitation Strategies	Grand Liberty Restaurant, Jl. Yos Sudarso / Jl. Putri Hijau No. A-6 Medan	6/28/2007	6/28/2007	1	43	14.00%
QR10/Rehabilitasi Lahan Masyarakat di Bueng	Desa Bueng	6/29/2007	7/7/2007	9	13	23.10%

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Study Tour Pesantren Ar Raudhatul Hasanah to Mapel Tembung Deli Serdang and Bis Peduli Medan	Belawan, Medan city and Hamparan Perak, Deli Serdang Regency	6/30/2007	7/1/2007	2	35	31.40%
Clean of Cikapundung River	Kelurahan Tamansari	6/30/2007	6/30/2007		230	21.70%
Participatory Hygiene Behavior Change Intervention Planning	Cijambe Village	12/1/2006	1/20/2007	40	24	75.00%
Support seedling development for enrichment of coastal area in Kuala Meurisi	Dusun Kuala Meurisi	12/1/2006	5/31/2007	182	20	20.00%
NAD/Krueng Sabee River Rehabilitation in Keudee Krueng Sabee Village	Keudee Krueng Sabee	12/1/2006	1/31/2007	31	25	4.00%
NAD/ Suport seedling development for enrichment of coastal area rehabilitation in Desa Lamseunia	Lamseunia	12/1/2006	5/31/2007	182	22	18.20%
QR9/Support seedling development for enrichment of coastal area in Lamseunia	Lamseunia	12/1/2006	5/31/2007	182	23	17.40%
NAD/Land Rehabilitation in Blang Lambaro	Blang Lambaro	12/1/2006	1/8/2007	39		NA
Spatial planning for water supply sector in Mereubo sub distric, Aceh Barat distric		7/1/2007	8/31/2007	60		NA
Implementasi Gerakan Penghijauan Untuk Mendukung Program Malang ijo Royo-Royo Kelurahan Dinoyo dan Mergosono	Dinoyo and Mergosono	7/1/2007	7/31/2007		270	99.30%
Festival Keluarga Sehat	Arjowinangun	7/1/2007	7/31/2007			NA
Spatial Planning for Water Supply Sector at Mukim Lageun, Setiabhakti Subdistrik, Calang, Aceh Jaya Distric	Mukim Lageun, Setiabhakti subdistric, Aceh Jaya distric	7/1/2007	9/30/2007	90	43	14.00%
Festival Keluarga Sehat	Arjowinangun	7/1/2007	7/31/2007			NA
QR10/Survey Kawasan Perlindungan Mata Air Krueng Terbang - RA FPKL	Desa Pantee Kuyun	7/2/2007	7/10/2007	9	10	NA
MONITORING DAN EVALUASI KUALITAS SECARA PARTISIPATIF KABUPATEN SUBANG	Desa Sukamandi, Cijengkol, Cintamekar, Ponggang, Cikujang, Curugrendeng, Cijambe	7/2/2007	7/20/2007	11		NA
Pre-Recognize WSM Plan Lau Petani (Hulu – LEMBAH SIBAYAK)	Desa Doulu-Lembah Sibayak	7/2/2007	7/3/2007		12	16.70%
Training of Participatory Mapping for Collaboration Site USAID-JBIC in Tembung, Deli Serdang	Tembung	7/3/2007	7/4/2007	5	41	4.90%
LATIHAN RISET AKSI PARTISIPATIF SEKOLAH LAPANGAN SUB-DAS CIKAPUNDUNG & SUB-DAS CILEULEUY CILAMATAN	Subang	7/3/2007	7/5/2007	3	24	58.30%
Sekolah Lapangan Desa Pacet	Balai Desa Pacet	7/4/2007	9/23/2007	81	22	22.70%
SARASEHAN PENYUSUNAN RENCANA KEGIATAN PENGELOLAAN SUB DAS SUMBER BRANTAS KOTA BATU, JAWA TIMUR	Balai Desa Sumber Rejo	7/4/2007	7/5/2007	2	40	25.00%

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KAMPANYE KEBERSIHAN DAN KESEHATAN DI SMP MASEHI SIBOLANGIT, KECAMATAN SIBOLANGIT, KABUPATEN DELI SERDANG	SMP Masehi	7/5/2007	7/7/2007	3	218	48.60%
Field School (FS) in Gampong Baro Village, Setya Bakti Sub District, Aceh Jaya District	Balai Pertemuan Desa Gampong Baro, Setya Bakti, Aceh Jaya	7/5/2007	10/31/2007	129		NA
Field School (FS) in Kareng and Birek Village Lhoong Sud-District, Aceh Besar District	Balai pertemuan Desa Birek dan Desa Kareng	7/5/2007	10/31/2007	129		NA
Field School (FS) in Kareng and Birek Village Lhoong Sud-District, Aceh Besar District	Balai pertemuan Desa Birek dan Desa Kareng	7/5/2007	10/31/2007	129		NA
Field School (FS) in Jabi Village, Setya Bakti Sub District, Aceh Jaya District	Balai Pertemuan Desa Jabi, Setya Bakti, Aceh Jaya	7/5/2007	10/31/2007	129		NA
Transect and Participatory Mapping for Collaboration Site USAID-JBIC in Tembung, Deli Serdang	Tembung	7/5/2007	7/8/2007	5	18	11.10%
QR10/ Rehabilitasi tanaman pantai Desa Mon Mata	Desa Mon Mata	7/5/2007	7/31/2007	26	20	0.00%
QR10/ Rehabilitasi tanaman pantai Desa Padang Datar	Desa Padang Datar	7/5/2007	7/31/2007	26	20	NA
Two day hygiene camping	Cirangkong	7/6/2007	7/7/2007	2		NA
Field School (FS) in Gapuy Village Lhoong Sud-District, Aceh Besar District	Balai Pertemuan Desa Gapuy	7/7/2007	10/31/2007	129		NA
Field School (FS) in Monmata ang Ketapang Village Lhoong Sud-District, Aceh Besar District	Balai Pertemuan Desa Keutapang dan Desa Mon Mata	7/7/2007	10/31/2007	129		NA
Field School (FS) in Pasi and Menasah Lhok Village Lhoong Sud-District, Aceh Besar District	Balai Pertemuan desa Pasi dan Desa Menasah Lhok	7/7/2007	10/31/2007	129		NA
Health Festival dalam Rangkaian Kegiatan CGH School in Tangsi	SMPN I Salaman, Kajoran - Magelang	7/8/2007	7/8/2007	1	450	55.60%
Kampanye Konservasi Mangrove Jaring Halus	Pulau Jaring Halus, Kecamatan Sicanggang, Langkat	7/8/2007	7/10/2007	3		NA
Field School (FS) in Jantang and Tanoh Anoe Village Lhoong Sud-District, Aceh Besar District	Balai pertemuan Desa Jantang dan Desa Tanoh Anoe	7/9/2007	10/31/2007	129		NA
Layanan Air Bersih untuk Masyarakat Tak Mampu	Surabaya & Malang Area	7/9/2007	8/31/2007	30	20	40.00%
Lomba Cerdas Cermat Kader Posyandu di Kelurahan Sei Mati	Kelurahan Sei Mati - Medan	7/9/2007	7/18/2007	11	103	93.20%
Lomba Cerdas Cermat Kader Posyandu di Kelurahan Kampung Baru	Kelurahan Kampung Baru - Medan	7/9/2007	7/19/2007	11	82	81.70%
TRAINING MANAJEMEN AIR BERSIH DARI MULAI SUMBER AIR SAMPAI KONSUMEN	Saree Aceh	7/9/2007	7/31/2007	24	50	44.00%
Riset Aksi Partisipatif Kebun campur	Desa Wangunharja Kec. Lembang, Kab. Bandung	7/9/2007	9/30/2007			NA
Riset aksi Partisipatif Jaringan air Bersih berbasis masyarakat	Desa Mekarwangi Kec. Lembang, Kab. Bandung	7/9/2007	9/30/2007			NA

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Riset Aksi Partisipatif Pertanian Ekologis KMPL Desa Cibodas Kec. Lembang Kab. Bandung	Desa Cibodas, Kec.Lembang, Kab. Bandung	7/9/2007	9/30/2007	84		NA
Riset Aksi Partisipatif Pemilahan dan Pemanfaatan Sampah	Desa Cikidang, Kec. Lembang, Kab. Bandung	7/9/2007	9/30/2007	84		NA
Risert Aksi Pengelolaan Sampah Berbasis Masyarakat	Desa Gunungtua Kecamatan Cijambe Kab Subang	7/9/2007	9/30/2007			NA
Riset Aksi Partisipatif Pengelolaan Air Bersih berbasis Masyarakat	Desa Cirangkong, Kec. Cijambe ab. Subang	7/9/2007	9/30/2007			NA
Riset Aksi Partisipatif Perlindungan Mata Air Berbasis Masyarakat	Desa Tambakmekar	7/9/2007	9/30/2007			NA
Field School (FS) in Monmata Village Lhoong Sud-District, Aceh Besar District	Balai Pertemuan Desa Mon Mata	7/9/2007	10/31/2007	127		NA
Riset Aksi Partisipatif Pengelolaan Air Bersih berbasis Masyarakat	Desa Cirangkong, Kec. Cijambe ab. Subang	7/9/2007	9/30/2007			NA
Riset Aksi Partisipatif Pengelolaan Air Bersih berbasis Masyarakat	Desa Cirangkong, Kec. Cijambe ab. Subang	7/9/2007	9/30/2007			NA
Pelatihan Kader Posyandu di Wilayah Sub-DAS Blongkeng	Balai Pelatihan Kantor Informasi Penyuluhan Pertanian & Kehutanan (KIPPK), Magelang	7/10/2007	7/11/2007	2	25	68.00%
SEKOLAH LAPANGAN PELESTARIAN DAERAH TANGKAPAN AIR SIBOLANGIT Gabungan 4 Desa: Sayum Sabah, Batu Mbelin, Sikeben dan Martelu SAYUM SABAH, 10 JULI 2007	Sayum Sabah Village, Sibolangit Sub District, Deli Serdang	7/10/2007	7/10/2007	1		NA
Field Day Sekolah Lapangan Pelestarian Daerah Tangkapan Sibolangit	Jambur	7/10/2007	7/10/2007	1	238	29.40%
Pelatihan Enumerator - Sensus Pelanggan - Non Pelanggan PDAM Kabupaten Magelang	Ruang Rapat PDAM Kabupaten Magelang	7/10/2007	7/11/2007	2	40	37.50%
Riset Aksi Partisipatif Pengelolaan Limbah Ternak Berbasis Masyarakat	Desa Suntenjaya, Kec. Lembang, Kab. Bandung, West Java	7/10/2007	9/30/2007	84		NA
Implementation Program of Community Based Water Supply in Desa Suka Mulya	Desa Suka Mulya, Saree Aceh Besar	7/11/2007	8/11/2007	31	142	NA
Dialog Publik dan Workshop RENSTRA FKT	Hotel Sibayak, Berastagi	7/11/2007	7/12/2007			NA
Dialog publik dan Semiloka Tahura Bukit Barisan	Berastagi, Tanah Karo	7/11/2007	7/12/2007	2		NA
Lomba Cerdas Cermat Kader Posyandu di Kelurahan Aur	Kelurahan Aur - Medan Maimun	7/11/2007	7/19/2007	11	92	89.10%
QR 10/Monitoring Tanaman Tepi Sungai Krueng Raba Desa Naga Umbang	Desa Naga Umbang, Kec Lhoknga Aceh Besar	7/11/2007	7/13/2007	3	4	NA
Village Nursery and Land Rehabilitation in Blongkeng Sub-Watershed	Blongkeng Sub-watershed, Magelang	7/12/2007	8/31/2007	50		NA
QR10/Workshop Penyusunan Rencana Aksi FKG	Jruiek Balee	7/12/2007	7/13/2007	2	22	0.00%
QR10/FGD Pengembangan Biodiversity KAMS	Saree	7/12/2007	7/13/2007	2	25	8.00%

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Lomba Cerdas Cermat Kader Posyandu tingkat Kecamatan Medan Maimun	Kecamatan Medan Maimun	7/12/2007	7/20/2007	11	84	83.30%
Field School (FS) in LAgeun Village, Setya Bakti Sub District, Aceh Jaya District	Balai Pertemuan Desa Lageun, Setya Bakti, Aceh Jaya	7/14/2007	10/31/2007	109		NA
QR.10/FGD Penyusunan Rencana Penanaman Tanaman Perkarangan di Desa Keudee Krueng Sabee	Keudee Krueng Sabee	7/15/2007	7/16/2007	2	6	0.00%
Sanitasi Mapping Kota Yogyakarta	ESP Jateng/DIY office	7/16/2007	8/31/2007	45	9	33.30%
Health Festival	Mekarjaya	7/16/2007	8/22/2007	25		NA
Clean, Green and hygiene school	Cijambe	7/16/2007	8/31/2007			NA
QR10/ FGD Rehabilitasi Tanaman Pantai Dusun Kuala Dho Desa Lhok Geulumpang, Kec Setia Bakti Aceh Jaya	Dusun Kuala Dho Desa Lhok Geulumpang	7/16/2007	7/20/2007	5	19	0.00%
QR10/ FGD Rehabilitasi Tanaman Pantai Desa Patek	Desa Patek	7/16/2007	7/20/2007	5	12	0.00%
Health Festival	Wangunharja	7/16/2007	8/25/2007			NA
MMC # 9 : Layanan Air Bersih untuk Masyarakat Tak Mampu	Bandung and Cianjur	7/16/2007	8/31/2007			NA
Workshop Potensi Sumber Air Minum Di Desa Curung Rejo Kec. Kepanjen Kab. Malang	Meeting room ESP malang office, Jl. raung no. 17 Malang	7/17/2007	7/17/2007	1	18	22.20%
On The Job Training for Sensus Pelanggan di Sibolga PDAM Tirta Nauli Kota Sibolga	PDAM Tirta Nauli Kota Sibolga	7/17/2007	7/19/2007	3	15	13.30%
Training Of Del Aqua for PDAM Tirta Meulaboh	PDAM Tirta Meulaboh	7/17/2007	7/20/2007	4	7	0.00%
Planning Workshop of Blongkeng sub-watershed	Pondok Tingal, Borobudur, Kabupaten Magelang	7/18/2007	7/19/2007	2	76	18.40%
Training Water Quality Monitoring in Kepanjen, Kabupaten Malang	3 Water sources in Kab. Malang	7/18/2007	7/18/2007	1	11	45.50%
Jajak Kebutuhan Pemanfaatan IPAL Komunal	Kampung: Sindurejan, Gampingan, Badran, Gambiran Baru, Mendungan, Darakan Barat, Kricak Kidul, Notoyudan, Serangan, Purwokinanti, Karanganyar. Kelurahan: Patangpuluhan, Pakuncen, Cokrodingratan, Bumijo, Pandeyan, Giwangan, Prenggan, Kricak, Pringgokusuman, Notoprajan, Purwokinanti, Brontokusuman. Kecamatan: Wirobrajan, Jetis, Umbulharjo, Kotagede, Tegalrejo, Gedongtengen, Ngampilan, Pakualaman, Mergangsan. Kota: Yogyakarta	7/18/2007	8/31/2007	40	116	13.80%
Plastic Recycling Management Program	Pesantren Ar-Raudhatul Hasanah Medan Tuntungan	7/19/2007	7/21/2007	3	36	47.20%
FGD Review Tariff of PDAM Tirta Meulaboh Aceh Barat	PDAM Tirta Meulaboh Office	7/19/2007	7/19/2007	1	12	33.30%
Sekolah Lapangan di Kemiri	Balai Dusun Mrasah	7/20/2007	9/24/2007	53	24	20.80%

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Sharing Information Management Information System (Meter Reading and Billing System), Operation WTP and Reduction of Non Revenue Water of PDAM Kota Banjarmasin	ESP Office	7/20/2007	7/20/2007	1		NA
Menuju Surabaya Ramah Anak	ITC - Surabaya	7/21/2007	7/21/2007			NA
NARRATIVE WRITING WORKSHOP FOR ESP STAFF	Medan, Bandung, Malang	7/22/2007	8/15/2007	14	48	45.80%
QR10/Workshop Field School coordination and experience exchange in Jantho	Bapelkes Jantho	7/22/2007	7/24/2007	2.5	25	24.00%
Promote health and hygiene issues	Talkshow at ARNET Studio,	7/23/2007	8/24/2007	30		NA
QR10/Workshop Penyusunan Perdes Jantho Lama	Desa Jantho Lama	7/23/2007	8/31/2007	40	101	35.60%
QR10/Workshop Penyusunan Perdes Desa Jruek Bak Kreh	Jruek Bak Kreeh, Aceh Besar	7/23/2007	8/31/2007	40	30	36.70%
Socialization of WSM Forum and WSM Plan of Blongkeng sub-watershed	7 villages of Blongkeng sub-watershed	7/23/2007	8/31/2007		22	22.70%
Local capacity building trough farmer field school conservation to support development of conservation villages in TNGP	Desa Lemah Duhur and Desa Sukamaju	7/23/2007	8/4/2007	12	41	2.40%
A Mini Symposium of USAID's ESP – Bamboo Community University and USAID's OCSP	USAID's ESP Medan Office	7/23/2007	7/23/2007		12	16.70%
Pelatihan Kader Promosi Kesehatan dan Kebersihan Di Curungrejo dan Jatirejoso	Desa Jatirejoso	7/24/2007	7/26/2007	4	32	93.70%
Training Analysis Transmission and Distribution Network PDAM Tirtanadi	PDAM Tirtanadi	7/24/2007	7/27/2007	4	29	13.80%
QR10/Implementasi RA FKG di sepuluh Desa Kemukiman Jruek	Krueng Jreu hilir kemukiman Jruek	7/24/2007	8/17/2007	27	20	0.00%
Workshop on Evaluation and Institutional Strengthening of Format Lintang	Madukoro Village, Magelang	7/24/2007	7/25/2007	2	67	49.30%
World Children Day Commemoration: Children and Environment	KIPPK	7/25/2007	7/28/2007	4		NA
Workshop NRW ESP Jawa Barat	PDAM Kota Bandung	7/25/2007	7/27/2007	2	10	20.00%
Field Days Talkshow & WSM Campaign Support	Kota Batu	7/25/2007	8/23/2007	25	75	40.00%
Workshop Penjaringan Aspirasi Stakeholder untuk Penyusunan Renstra Sanitasi Kab. Malang	Meeting Room Bappeda Kab. Malang, Jl. KH. Agus Salim no. 7 Malang	7/25/2007	7/25/2007	1	86	37.20%
On the job training Operational & Maintenance of Community Based Water Supply System Jruek Balee, Blang Lambaro, Suka Damai & Suka Mulya	Jruek Balee, Blang Lambaro, Suka Damai & Suka Mulya Kabupaten Aceh Besar	7/26/2007	8/26/2007	31	65	0.00%
QR10/Pembentukan Forum Krueng Kalok, Kemukiman Jantho	Jantho	7/26/2007	8/6/2007	12	41	4.90%

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Community Action Plan Workshop	Lingkungan 6 Kel. Denai, Kec. Medan Denai, Kota Medan	7/26/2007	7/29/2007	4	58	32.80%
Sosialisasi Peran Posyandu dalam Proses Perubahan Perilaku	7 desa di wilayah sub-DAS Blongkeng (Krinjing, Keningar, Ngargomulyo, Ngablak, Ngargosuko, Kemiren, Gulon)	7/26/2007	8/31/2007		205	85.40%
LOKAKARYA RENCANA AKSI PENGELOLAAN SUB-DAS CIKAPUNDUNG	Kantor Dinas PSDA Prov. Jawa Barat, Jl Braga No. 1 Bandung	7/27/2007	7/27/2007	1	60	23.30%
Rehabilitation MCK for Water Supply and Communal Sanitation in Dusun Mon Bungong, Lamkruet, Aceh Besar	Dusun Mon Bungong, Lamkruet	7/28/2007	8/28/2007	31	30	93.30%
Pertemuan Organisasi Jaringan kelompok SL Sub-DAS Cikapundung Persatuan Organisasi Rakyat tatar Alam Bandung (PORTAB)	Kec. Lembang, Kabupaten Bandung	7/29/2007	9/30/2007	92		NA
Transect and FGD for New Collaboration Sites USAID - JBIC Community Based Solid Waste Management System in Lingkungan 13, 14 and 15 Kelurahan Kenangan, Kecamatan Percut Sei Tuan Kabupaten Deli Serdang	Lingk 13, 14 and 15 Kel Kenangan Kec Percut Sei Tuan Kab Deli Serdang	7/30/2007	8/1/2007	3	43	4.70%
QR10/Implementasi RA FAMS, Pengembangan Teknik Monitoring Biodiversity di KSAM	Saree	7/30/2007	8/15/2007	15	11	NA
Assets Re evaluation (On The Job Training) in PDAM NAD	PDAM BANDA ACEH OFFICE, PDAM ACEH BESAR OFFICE, PDAM ACEH BARAT OFFICE	7/30/2007	8/29/2007	30	29	27.60%
Water Supply for the Urban Poor Assessment in PDAM Yogyakarta, PDAM Surakarta, and PDAM Magelang	Kota Yogyakarta, Surakarta and Magelang	7/31/2007	9/18/2007	24		NA
Pelatihan Sampah Kering	Desa Mangunkerta, Nagrak, Sukamaju, Sukatani, Limbangan Sari dan Cipendawa Kab. Cianjur	7/31/2007	8/31/2007	30	50	80.00%
Pelatihan Sampah Kering	Desa Cijambe dan Desa Gunungsari Kab. Subang	7/31/2007	8/31/2007	2	40	100.00%
On The Job Training for Data Collection Sensus Pelanggan di Kota Sibolga PDAM Tirta Nauli Sibolga	PDAM Tirta Nauli Kota Sibolga	7/31/2007	8/2/2007	3	15	13.30%
Participatory Mapping of Wana Wisata Sambak and Sutopati Villages		8/1/2007	8/31/2007	30		NA
Pengembangan Program di Desa Keningar	Dusun Banaran, Desa Keningar	8/1/2007	9/30/2007	61	25	36.00%
Pengembangan Program Desa Ngablak	Dusun Jengglik Desa Ngablak	8/1/2007	9/30/2007	61	35	45.70%
Pengembangan Program Desa Ngargosoko	Soko, Ngargosoko	8/1/2007	9/30/2007	61	13	23.10%
Pengembangan Program di Desa Krinjing	Dusun Krajan, Desa Krinjing	8/1/2007	9/30/2007	61	25	36.00%
Pengembangan Program Desa Kemiren	Jamburejo, Kemiren	8/1/2007	9/28/2007	61	32	50.00%
Pengembangan Program Desa Ngargomulyo	Dusun Gemer, Desa Ngargomulyo	8/1/2007	9/30/2007	61	25	36.00%
FGD Review tariff PDAM Tirta Meulaboh Aceh Barat		8/1/2007	8/10/2007	10	30	33.30%

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FIELD DAY DALAM RANGKA MEMPROMOSIKAN RENCANA AKSI SEKOLAH LAPANGAN di KECAMATAN LHOKNGA & MUKIM LAMPUUK	SD Kemukiman Lampuuk	8/2/2007	8/2/2007	1	300	58.30%
QR 10/ Rehabilitasi Tanaman Tepi Pantai Dusun Kuala Dho Desa Lhok Geulumpang	Dusun Kuala Dho	8/2/2007	8/24/2007	23	20	40.00%
QR10/ Penanaman kembali tanaman cemara di pantai Desa Sawang yang rusak akibat gelombang pasang	Desa Sawang	8/2/2007	8/17/2007	16	5	40.00%
QR10/ Rehabilitasi tanaman Tepi Jalan di Kemukiman Lampuuk	Kemukiman Lampuuk	8/2/2007	8/31/2007	30	20	NA
QR10/ Rehabilitasi tanaman pantai Desa Patek	Desa Patek	8/2/2007	8/24/2007	23	20	5.00%
QR10/ Rehabilitasi Lahan Pekarangan Masyarakat Desa Keudee Krueng Sabee	Desa Keudee Krueng Sabee	8/2/2007	8/17/2007	16	21	4.80%
QR10/ (BATAL) Rehabilitasi Tanaman Tepi Jalan Desa Patek	Desa Patek	8/2/2007	8/24/2007	21		NA
QR10/ Rehabilitasi wilayah pemukiman penduduk Dusun Kuala Dho	Dusun Kuala Dho	8/2/2007	8/24/2007	21		NA
QR10/ Penghijauan Tahap I Kawasan Perlindungan Mata Air Krueng Terbang (KALIMAT) oleh Forum FPKL	Desa Pantee Kuyun	8/2/2007	8/24/2007	21	26	NA
QR10/ Aksi SL Pantee Kuyun melaksanakan Penghijauan Lahan Tidur dengan Program Agro Forestry di Desa Pantee Kuyun	Desa Pantee Kuyun	8/2/2007	8/31/2007	30	26	15.40%
QR10/ Penghijauan Lahan Tidur di Wilayah Pemukiman Masyarakat Desa Gunong Meunasah oleh Forum FPKL	Desa Gunong Meunasah	8/2/2007	8/31/2007	30		NA
QR10/ Penghijauan Lahan Tidur di Wilayah Pemukiman Masyarakat Desa Paya Laot oleh Forum FPKL	Desa Paya Laot	8/2/2007	8/31/2007	30		NA
QR10/ Penghijauan Lahan Tidur di Wilayah Pemukiman Masyarakat Desa Padang oleh Forum FPKL	Desa Padang	8/2/2007	8/31/2007	30	42	NA
PECAH REKOR NASIONAL CUCI TANGAN PAKAI SABUN MALANG RAYA	Ijen Boulevard, Kota Malang	8/2/2007	8/20/2007	19	10000	50.00%
QR10/ Aksi SL Pantee Kuyun melaksanakan Penghijauan Lahan Tidur dengan Program Agro Forestry di Desa Pantee Kuyun	Desa Pantee Kuyun	8/2/2007	8/31/2007	30		NA
Training Meter System and Billing System PDAM Tirta Wampu Kabupaten Langkat	PDAM Tirta Wampu Langkat	8/3/2007	8/6/2007	3	22	50.00%
QR10/Implementasi RA SL-Rehabilitasi lahan pekarangan & perkebunan masyarakat Desa Krueng Lam Kareung	Desa krueng Lam Kareung	8/3/2007	8/30/2007	28	12	50.00%
GIS Training for PDAM Kota Magelang staff	PDAM Kota Magelang	8/5/2007	8/11/2007	5	8	0.00%

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TOT for Community Groups on the Participatory Impact Evaluation (Third Report of ESP Longitudinal Study)	community center in 10 sites of 5 provinces	8/5/2007	10/31/2007	85		NA
Field day Sub DAS Sumber Brantas	Villa Hidayatullah, Sumber Rejo, Batu	8/6/2007	8/6/2007	1	134	24.60%
Membangun Kerjasama Balai TNGP dan Forpela TNGP	PT. TAPOS dan Bakorwil Bogor	8/6/2007	8/16/2007	7	72	18.10%
QR10/ Monitoring dan Evaluasi Rehabilitasi Sungai Krueng Lageun oleh FPKL	Calang	8/6/2007	8/8/2007	3	5	NA
Socialization of SOP in PDAM Kabupaten Sleman	Conference room of PDAM	8/6/2007	8/6/2007	1	27	7.40%
Assesment untuk Pelaksanaan Sekolah Bersih, Hijau dan Sehat di wilayah Magelang dan Yogyakarta	Kab/Kota Magelang dan Kota Yogyakarta	8/6/2007	8/31/2007			NA
Focus Group Discussion on Water Supply System for Dusun Boro Utara, Kepanjen, Kab. Malang	ESP Malang Office, Jl. Raung no. 17 Malang	8/8/2007	8/8/2007	1	18	83.30%
Coordination Meeting of Startegic Communication Component Team	ESP Medan Office	8/8/2007	8/10/2007	3	17	35.30%
Persiapan program sampah berbasis masyarakat pesantren	Pondok Pesantren Darul Hikmah Desa Peunaga Rayeuk	8/9/2007	8/10/2007	2	161	62.70%
QR10/Implementasi Rencana Aksi Perdes Jantho Lama	jantho Lama	8/10/2007	8/20/2007	10		NA
QR10/Implementasi RA FORSAKA - Sosialisasi Forum Sayeung Krueng Kalok	Jantho	8/10/2007	8/11/2007	2	100	7.00%
Rehabilitasi Lahan Pekarangan di Kelurahan Arjowinangun Kota Malang	Kelurahan Arjowinangun	8/11/2007	8/13/2007	3		NA
Survey and collecting data for utilization on clean water, sanitation and solid waste facilities in RW 13, Kelurahan Penjaringan North Jakarta	RW 13, Kelurahan Penjaringan, Kecamatan Penjaringan, North Jakarta	8/13/2007	9/12/2007	16		NA
QR10/Workshop Penyusunan Rencana Aksi FORSAKA	Jantho	8/13/2007	8/14/2007	2	25	8.00%
Lembaga Masyarakat Desa Hutan (LMDH) Learning Workshop (Lokakarya Pembelajaran LMDH)	Pusat Pembelajaran Konservasi dan Agrowanawisata "Cupumas" Sambak, Magelang	8/13/2007	8/14/2007	1.5	79	15.20%
On The Job Training and Data Analyze for Sensus Pelanggan di Sibolga PDAM Tirta Nauli Kota Sibolga	PDAM Tirta Nauli Kota Sibolga	8/14/2007	8/16/2007	3	25	8.00%
Health Festival dalam Rangkaian Kegiatan CGH School in Yogyakarta	SDN Gondolayu, Jetis - Yogyakarta	8/15/2007	8/15/2007	1	300	66.70%
Operational, Maintenance & Management Training of Water Committee in Lampuuk-Lhoknga Aceh Besar	Lampuuk Lhoknga	8/15/2007	9/23/2007	42	605	76.50%
Operational, Maintenance & Management Training of Water Committee in Sawang - Calang .Aceh Jaya	Sawang	8/15/2007	9/21/2007	38	74	0.00%
Operational, Maintenance & Management Training of Water Committee in Lhoong- Aceh Besar	Blangmei & Cot Jempa Lhoong	8/15/2007	9/21/2007	38	394	13.50%

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IMPLEMENTASI JASA LINGKUNGAN MELALUI PENDEKATAN DUSUN ASRI DI KECAMATAN BUMIAJI	Kecamatan Bumiaji	8/15/2007	8/15/2007	1	150	20.70%
Training the piping, receptacle and water quality to Sukatani society	Kampung Cisarua, Sukatani Village., Cianjur District	8/15/2007	9/22/2007	30		NA
Workshop on OBA Fund Channeling for PDAM Surabaya	Surabaya	8/16/2007	8/16/2007	1	19	31.60%
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring Agustus-September, 2007	Mekarjaya	8/16/2007	9/14/2007			NA
Mendesign Strategi Reportase Investigasi Konflik Ekologis Lembah Sibayak	Lembah Sibayak, Desa Doulu dan Semangat Gunung, Tanah Karo	8/18/2007	8/19/2007	2		NA
Training about water quality	Pasir Penduey, Desa Mekarjaya	8/18/2007	8/18/2007	1	20	25.00%
Pelatihan Pengelolaan Limbah Ternak Kemiri	Balai Dusun Mrasah Kemiri	8/19/2007	8/25/2007	7	33	15.20%
Support Local Wisdom "Selamatan Sumber Semek" Dayurejo	Sumber Semek, Dayurejo, Pasuruan	8/19/2007	8/22/2007	4	29	20.70%
MCK++ Inauguration by Governor Jakarta	Petojo Utara RW 08	8/19/2007	8/19/2007	1		NA
SL Pengembangan CGH Community, Desa Gulon Wilayah Sub-DAS Blongkeng	Dusun Gunungsari dan Dusun Dangean, Desa Gulon, Kecamatan Salam, Kabupaten Magelang	8/20/2007	9/28/2007	45	27	40.70%
Serial Pelatihan Model Pengelolaan Air Berbasis Masyarakat	Desa Dayurejo	8/20/2007	9/10/2007	22	18	0.00%
Pelatihan Perilaku Hidup Bersih SDN II Pandanrejo	SDN II Pandanrejo	8/20/2007	8/20/2007	1	59	69.50%
QR10/Penetapan Kawasan KALIMAT sebagai Kawasan Lindung Masyarakat	Desa Sapek	8/20/2007	8/23/2007		28	3.60%
Evaluasi WSM Plan Lau Petani Hulu (Lembah Sibayak)	Desa Doulu - Kabupaten Karo	8/20/2007	8/21/2007		10	10.00%
QR10/Rehabilitasi Lahan di Desa-desa SL dan Sekitarnya dalam Kemukiman Jrupek, kerjasama dengan FKG	Kemukiman jrupek	8/20/2007	9/13/2007	25	34	29.40%
Sanitation Strategic Planning serial FGDs	ESP Surabaya & Bappeko Office	8/20/2007	11/19/2007	90	15	40.00%
Multistakeholder Workshop of Blongkeng sub-watershed	Kemiren, Srumbung, Kabupaten Magelang	8/21/2007	8/22/2007	1	133	21.80%
Pelatihan Sanitation Mapping	ESP Yogyakarta Office	8/21/2007	8/23/2007	3	8	25.00%
Mobilisasi sektor swasta dan BUMN untuk peningkatan kualitas lingkungan hidup dan kesehatan di Jawa Timur	Hotel Mercure Surabaya	8/22/2007	9/18/2007	27	50	30.00%
Training Meter System and Billing System PDAM Tirta Wampu Kabupaten Langkat (fase 2)	PDAM Tirta Wampu Langka	8/22/2007	8/25/2007	4	25	32.00%
Work Shop Corporate Plan for PDAM Tirta Wampu Langkat And DPRD Kabupaten Langkat	PDAM Tirta Wampu Langkat	8/22/2007	8/23/2007	2	65	7.70%
MMC# 9 Media Discussion and writing article in media - Water for The Poor	Medan	8/22/2007	8/29/2007	8	34	8.80%

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Kampanye Mendukung Corporate Plan Tirta Wampu dan Supply Air Bersih Bagi Masyarakat Bantaran Sungai Wampu	Stabat dan Desa Suka Maju, Langkat	8/22/2007	8/24/2007	3	4	NA
CBS Sanitation - Socialization	ESP Jateng/DIY office	8/23/2007	8/23/2007	1	7	14.30%
Field Day Desa Curungrejo-Jatirejoyoso	Balai Desa Curungrejo	8/23/2007	8/23/2007	1	72	43.10%
Workshop on NRW reduction activities in Wirobrajan Pilot Area	PDAM Meeting room	8/23/2007	8/23/2007	1	11	18.20%
Pendidikan Lingkungan, Pelatihan Pembibitan dan Pengembangan Tanaman Penghijauan Sebagai Pendukung Program Tabungan Konservasi	SMP Negeri 1 Sibolangit	8/24/2007	8/31/2007	2	44	50.00%
Training about receptacle	Pasir Pendeuy, Desa Mekarjaya	8/24/2007	8/25/2007	2	20	25.00%
Training for Bank Sampah Pesantren: Composting and Plastic Recycling Management Program	Pesantren Ar-Raudhatul Hasanah Medan Tuntungan	8/24/2007	9/20/2007	28		NA
Healthy Walkathon - Health and Hygiene Campaign	RW 08 Petojo Utara	8/26/2007	8/26/2007	1		NA
Workshop Merintis Forum WSM yang Mandiri Sub Das Welang-Das Brantas	Balai Desa Jatiarjo	8/27/2007	8/27/2007	1	59	18.60%
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring	Tamansari and Wangunharja	8/27/2007	9/14/2007			NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring Agustus-September, 2007	Cijambe	8/27/2007	9/14/2007			NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring Agustus-September, 2007	Nagrak	8/27/2007	9/14/2007			NA
MMC# 9 - Radio Talkshow ; Air Untuk Masyarakat Miskin	Medan, Sumatera Utara	8/27/2007	8/30/2007	4		NA
TOT fasilitator pengembangan 60 unit desa konservasi	Desa Bojong Murni - Kabupaten Bogor	8/27/2007	8/31/2007	5	90	8.90%
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring	Tamansari and Wangunharja	8/27/2007	9/14/2007			NA
Pengambilan Data Diare dan Perilaku Bersih Dalam Rangka Mini Baseline/Sepuluh Menit Monitoring Agustus-September, 2007	Cijambe	8/27/2007	9/14/2007			NA
HARI TEMU LAPANGAN (FIELD DAY) SUSTAINABLE LIVELIHOOD ASSESMENT (SLA) DI SUB DAS LAU BIANG KEC. BARUS JAHE, KAB. KARO	Jambur Dusun Siberteng	8/27/2007	9/8/2007	12	202	35.10%
QR10/Survey Biodiversity KSAM	Saree	8/28/2007	9/8/2007	12		NA
QR10/Peningkatan Kualitas Biodiversity Kawasan Sumber Air Alur Mancang Saree ( KSAM) Dengan Tanaman Langka	Kawasan Sumber Air Alur Mancang ( KSAM) Saree	8/28/2007	9/10/2007	15	5	NA

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HARI TEMU LAPANG SUSTAINABLE LIVELIHOOD ASSESSMENT (FIELD DAY SL-SLA) DI KAWASAN HULU DAS DELI SUBDAS LAU PETANI		8/28/2007	9/14/2007	18		NA
Gerakan Kampanye Pengelolaan Sampah di Pandanrejo	Balai Dusun Dadapan	8/29/2007	8/29/2007	1	50	64.00%
Kunjungan Belajar Pengelolaan Hutan Bersama	Koperasi Peternak Kelinci "Akur" Desa Bulukerto	8/29/2007	8/29/2007	1	55	27.30%
Pelaksanaan Focus Group Discussion di Kota Yogyakarta	Kelurahan: Tegalpanggung, Giwangan, Gedongkiwo, Pandeyan, Sorosutan, Suryodiningratan (Kota Yogyakarta)	8/29/2007	9/20/2007	5	163	67.50%
Lokakarya Evaluasi Program Sekolah Bersih dan Hijau	Hotel Puri Asri, Kabupaten Magelang	8/30/2007	8/31/2007	2	35	45.70%
Training about piping and accesories	Pasir Pendeuy, Desa Mekarjaya	8/30/2007	8/31/2007	2	20	25.00%
Hari Temu Lapang SL-SLA Desa DOULU	Doulu	8/30/2007	9/12/2007	14		NA
Pelatihan Sampah Kering	RW 15 Kel. Taman Sari Kota Bandung	8/30/2007	9/20/2007	7	15	100.00%
Field Day 2007 Desa Jatiarjo-Dayurejo Sub DAS Welang, Pasuruan	Sekretariat Kelompok Tani Organik	8/31/2007	9/2/2007	3	59	16.90%
BIODIVERSITY SURVEY UNTUK PENYUSUNAN RENCANA AKSI KONSERVASI TAHURA R. SOERJO	Desa Gumeng, Pacet, Dayurejo, dan Tulungrejo	9/1/2007	9/21/2007	55		NA
Pelatihan Pembibitan Pandanrejo	Balai Desa Pandanrejo	9/1/2007	9/2/2007	2		NA
Workshop Penyusunan Raperdes Srigading	Balai Desa Srigading	9/1/2007	9/4/2007	2	40	17.50%
Pelatihan Pembibitan Kemiri	Balai Dusun Mrasah Kemiri	9/1/2007	9/7/2007	7	24	20.80%
QR10/Rehabilitasi Lahan masyarakat Di Dusun Sukamakmur	Saree	9/1/2007	9/10/2007	10		NA
QR10/Rehabilitasi lahan masyarakat di desa Sukadamai dan Sukamulia, Saree	saree	9/1/2007	9/10/2007	10		NA
Pelatihan Pembibitan Srigading	Balai Desa Srigading	9/3/2007	9/5/2007	2	32	25.00%
Workshop Identifikasi Partner Untuk Menggalang Forum Masyarakat WSM Di Sub DAS WELANG – DAS BRANTAS	Kaliandra Sejati	9/3/2007	9/4/2007	2	52	0.00%
Indonesian Sanitation Conference & Exhibition	Balia Kartini, Jakarta	9/3/2007	9/5/2007	3		NA
Training for Bank Sampah MAPEL: Composting and Plastic Recycling Management Program	Dusun XI Tembung Village	9/3/2007	9/4/2007	2	33	42.40%
Pembelajaran Pengelolaan Sampah Di Desa Salaman, Kabupaten Magelang	Dusun Kauman, Desa Salaman, Kecamatan Salaman, Kabupaten Magelang	9/3/2007	9/6/2007	4	41	63.40%
Lokakarya Pengembangan Jaringan HIPAM	Balai Kelurahan Arjowinangun	9/5/2007	9/10/2007	6	36	8.30%
Workshop Penyusunan Raperdes Gumeng	Rumah bapak Kepala Desa Gumeng	9/5/2007	9/7/2007	2	35	34.30%
Pelatihan Pembibitan Tanaman Buah dan Kayu Desa Jatirejoyoso	Balai Desa Jatirejoyoso	9/5/2007	9/6/2007	2	26	34.60%
Studi Banding Kampung Bersih dan Hijau	Kelurahan Rawajati & Kebun Karinda Jakarta	9/5/2007	9/6/2007	2	81	60.50%
ESP Island Meeting/Sumatran Meeting	ESP Conference Room	9/6/2007	9/7/2007	2	24	29.20%

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PELATIHAN MODEL PENGELOLAAN AIR BERBASIS MASYARAKAT	Rumah Kepala Desa Gumeng	9/6/2007	9/6/2007	1	35	40.00%
Media Visit - Lemahnya Akses Air Bersih Hambatan Peningkatan Kualitas Index Pembangunan Manusia Indonesia	Belawan, Medan	9/6/2007	9/12/2007	7		NA
Pelatihan Pembibitan Pesanggrahan	Desa Pesanggrahan	9/7/2007	9/10/2007	4	29	0.00%
Sosialisasi dan Pelatihan "Tabungan Konservasi" Sekolah	SDN Tulungrejo 03 Desa Sumberbrantas	9/7/2007	9/7/2007	1	186	51.10%
Training Pengelolaan Sampah Berbasis Masyarakat RW XI Kelurahan Kapasari	Kelurahan Kapasari	9/7/2007	9/7/2007	1	37	81.10%
Pembelajaran Penyambungan Pipa ke Rumah Tangga & Simpan Pinjam Calon Pelanggan Air Bersih PABM, Kabupaten Magelang	Desa Sambak dan Desa Madukoro - Kecamatan Kajoran, Kabupaten Magelang	9/7/2007	9/12/2007	4	55	23.60%
First FGD on Sanitation Strategic Planning for Surabaya City	ESP Surabaya office	9/7/2007	9/7/2007	1	15	46.70%
Pelatihan Pembibitan Gumeng	Lapangan / Pekarangan Peserta Desa Gumeng	9/8/2007	9/8/2007	1	50	34.00%
Pelatihan Pemanfaatan Limbah Ternak Sapi Desa Oro-oro Ombo	Balai Desa Oro-oro Ombo	9/8/2007	9/9/2007	2	55	25.50%
Training Pengelolaan Sampah Berbasis Masyarakat RW VI Wonokromo	Kelurahan Wonokromo	9/9/2007	9/9/2007	1	50	92.00%
Pelatihan Pengolahan Limbah Ternak Padat Desa Pesanggrahan	Desa Pesanggrahan	9/10/2007	9/14/2007	5	38	5.30%
Pelatihan Pembibitan Buah Desa Pacet	Balai Desa Pacet Kecamatan Pacet	9/10/2007	9/12/2007	2	28	25.00%
Pelatihan Pengelolaan Limbah Ternak Sapi Tulungrejo	Balai RW 12 Dusun Wonorejo	9/10/2007	9/17/2007	8	31	19.40%
Field day srigading	Balai Desa Srigading	9/10/2007	9/10/2007	1	87	17.20%
Training Pengelolaan Sampah Berbasis Masyarakat RW XVII Kelurahan Gading	Kelurahan Gading	9/10/2007	9/10/2007	1	51	100.00%
Workshop I Padang City Sanitation Strategies	Ruang Aula Kantor Walikota Padang, Sumatra Barat	9/10/2007	9/10/2007	1	36	25.00%
workshop on Water Conservation and Surface Water Quality Improvement	Kelurahan Cipinang Melayu, Jatinegara	9/10/2007	9/26/2007	13		NA
Pelatihan Pembibitan Buah Langsep Desa Curungrejo	Balai Desa Curungrejo, Kecamatan Kepanjen	9/11/2007	9/12/2007	2	37	35.10%
Evaluate on habitual on HWWS desa Cijambe Subang	Cijambe	9/11/2007	9/11/2007	1		NA
Dialog Umum Lembah Sibayak	Doulu, Kab Karo	9/11/2007	9/11/2007		58	27.60%
GIS Training for PDAM Kabupaten Magelang staff	PDAM Kabupaten Magelang	9/11/2007	9/14/2007	5	10	10.00%
Pelatihan Pembibitan Sumberbrantas	Balai Desa Sumberbrantas	9/12/2007	9/13/2007	2	30	6.70%
Workshop on Sanitation Strategic Planning for Surabaya City - Jaring Aspirasi Stakeholders	Bappeko Surabaya	9/12/2007	9/12/2007	1	60	41.70%

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Comparative Study to Plastic Re-cycling site in Lhokseumawe	Lhokseumawe, NAD	9/13/2007	9/15/2007	3	8	12.50%
Pelatihan Pembibitan Punten-Gunungsari	Balai Desa Punten	9/15/2007	9/18/2007	4	29	34.50%
Training of Piping of Distribution to household's society	Kampung Tanjakan, Desa Padaluyu	9/16/2007	9/18/2007	3	20	NA
Evaluate on habitual HWWS	Wangunharja	9/17/2007	9/17/2007	1		NA
PENGUATAN PENGORGANISASIAN FOKAL MESRA DALAM PENGELOLAAN AIR DAN LINGKUNGAN KOTA BATU	BLK Pesanggrahan	9/17/2007	9/20/2007	4	47	31.90%
Workshop Rencana Penyusunan Raperdes Jatiarjo-Dayurejo	Kepala Dusun Gamoh	9/18/2007	9/20/2007	3	22	4.50%
Kampanye Peningkatan Kesadaran Masyarakat, Surabaya Terhadap Keterkaitan Kualitas Air dan Kesehatan Masyarakat Surabaya Dukungan ESP USAID Regional Jatim Kepada Dinas Kesehatan Kota Surabaya	Puskesmas Pegirian, Puskesmas Wonokusumo dan Puskesmas Kenjeran, Surabaya	9/18/2007	9/21/2007	15	60	66.70%
SOSIALISASI KERJASAMA PDAM TIRTA MOUNTALA DAN IKRAR TEPADU DALAM BENTUK FORUM PELANGGAN DESA NUSA	Meunasah Desa Nusa	9/19/2007	9/28/2007	10		NA
Evaluate on habitual HWWS	Nagrak	9/20/2007	9/20/2007	1		NA
WORKSHOP PENYUSUNAN KURIKULUM LIFE SKILL HIDUP BERSIH DAN SEHAT DI SEKOLAH MUHAMMADIYAH JAWA TIMUR	SD Muhammadiyah 4 Surabaya	9/22/2007	9/23/2007			NA
Integrated Land and Water Information System (ILWIS V. 3.4) Application Training	ESP-EJ Surabaya office	9/22/2007	9/26/2007	5		NA
Serial Intensive Training model for quality grafting at community level through FS follow up in Brangkal Sub Watershed	Gumeng Village Hall	9/22/2007	9/22/2007	1		NA
Evaluasi Program CBSWM di 9 desa Kab. Cianjur	Kota Cianjur	9/23/2007	9/23/2007	1		NA
Serial Intensive Training model for quality grafting at community level through FS follow up in Welang Sub Watershed	Dayuarjo Village Hall	9/23/2007	9/23/2007	1		NA
Saresehan Perluasan kegiatan Sekolah Lapangan di Desa Gumeng Kabupaten Mojokerto	Balai Desa Gumeng	9/24/2007	9/24/2007	1		NA



## APPENDIX B: SHORT-TERM TECHNICAL ASSISTANCE (THROUGH SEPTEMBER 2007)

### Environmental Services Program

Region	MOBIS Labor Category	Position	Name	Est. Start Date	Est. End Date	Approved LOE	Citizenship
National/DKI Jakarta	8. Principal Development Specialist (I)	DAI Natural Resource Management Practice Area Manager	Andrew Watson	8/1/2007	8/5/2007	5 days	American
U.S Home Office	8. Principal Development Specialist (I)	Project Management Specialist	Patricia Poppe	7/15/2007	9/30/2009	32 days	American
U.S Home Office	3. Development Specialist (II)	Regional Financial Manager	Erika Wagner	7/1/2007	9/30/2009	18 days	American
East Java	8. Principal Development Specialist (I)	Water Supply Specialist	Rudhy Wahyu Finansyah	5/15/2007	9/28/2007	76 days	Indonesian
U.S Home Office	8. Principal Development Specialist (I)	Finance Specialist	Carol Rubenhorst	5/1/2007	9/30/2009	5 days	American
U.S Home Office	1. Administrative Support	Administrative Support	Jessica Stretz	5/1/2007	9/30/2009	20 days	American
U.S Home Office	1. Administrative Support	Administrative Support	Kelly Kohagen	4/1/2007	9/30/2009	45 days	American
National/DKI Jakarta	8. Principal Development Specialist (I)	VP for Asia/Acting Indo Country Director	Nigel Sizer	2/6/2007	12/31/2007	62 days	American
U.S Home Office	2. Associate Development Specialist	Program Manager	Kate Buban	1/22/2007	9/30/2009	17 days	American
U.S Home Office	1. Administrative Support	Program Manager	Christopher Carver	1/22/2007	9/30/2009	3 days	American
Aceh	6. Senior Development Specialist (I)	Institutional and HRD Specialist	Syarif Nurjaman	11/28/2006	1/27/2006	50 days	Indonesian
U.S Home Office	1. Administrative Support	Program Administrative Backstop	Christel Milazzo	11/15/2006	9/30/2009	108 days	American
National (Jakarta Post)	6. Senior Development Specialist (I)	Management Information Specialist	Tami Fries	11/1/2006	11/30/2006	30 days	American
West Sumatra	5. Senior Development Specialist (II)	Sanitation Facilitation Specialist	Firdaus Jamal	10/1/2006	9/30/2007	100 days	Indonesian
West Java/DKI Jakarta	8. Principal Development Specialist (I)	Project Director	Gretchen Mikeska	9/15/2006	9/30/2009	30 days	American
Aceh	6. Senior Development Specialist (I)	Water Supply and sanitation Engineer	Betty Nurhayati	8/22/2006	2/16/2007	130 days	Indonesian
National (Jakarta Post)	8. Principal Development Specialist (I)	Gender and Water Specialist	Nancy Diamond	8/1/2006	8/31/2006	25 days	American
National (Jakarta Post)	7. Principal Development Specialist (II)	Pride Course Manager	Megan Hill	7/29/2006	8/15/2006	15 days	American
National (Jakarta Post)	2. Associate Development Specialist	Lead Researcher on Hygiene Improvement & Environment	Risang Rambatmaja	7/25/2006	9/30/2006	80 days	Indonesian
National (Jakarta Post)	8. Principal Development Specialist (I)	Financial Analyst	James Coucouvinis	7/1/2006	9/30/2006	30 days	American
East Java	2. Associate Development Specialist	Junior PDAMTtechnical Specialist	Jumarwan	7/1/2006	9/30/2006	156 days	Indonesian
Central Java/Yogyakarta	3. Development Specialist (II)	Spatial Planning and GIS Specialist	Nofaldi	6/28/2006	9/30/2006	50 days	Indonesian

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Central Java/Yogyakarta	8. Principal Development Specialist (I)	Financial Analyst	Ramon Hagad	6/19/2006	12/31/2006	105 days	Filipino
National (Jakarta Post)	8. Principal Development Specialist (I)	Health & Hygiene Communication Advisor	Patricia Poppe	6/15/2006	9/30/2006	32 days	
North Sumatra	6. Senior Development Specialist (I)	Social Documentary Film Specialist	Rob Nugent	6/5/2006	7/15/2006	30 days	Australian
National (Jakarta Post)	5. Senior Development Specialist (II)	Rare Pride Campaign Specialist	Paul Butler	5/27/2006	6/2/2006	7 days	American
West Sumatra	7. Principal Development Specialist (II)	Integrated Water Resource Management Specialist	Rudi Febriamansyah	5/22/2006	10/31/2006	50 days	Indonesian
West Sumatra	6. Senior Development Specialist (I)	ESP WSM TOT Trainer	Abdul Gaffar	5/1/2006	9/30/2006	100 days	Indonesian
West Sumatra	5. Senior Development Specialist (II)	ESP WSM TOT Trainer	Agus Susianto	5/1/2006	9/30/2006	100 days	Indonesian
West Sumatra	5. Senior Development Specialist (II)	ESP WSM TOT Trainer	Engkus Kuswara	5/1/2006	9/30/2006	35 days	Indonesian
National (Jakarta Post)	6. Senior Development Specialist (I)	Financial Analyst	Gusril Bahar	5/1/2006	10/31/2006	156 days	Indonesian
West Sumatra	4. Development Specialist (I)	ESP WSM TOT Trainer & Non Formal Education	Simon H. Tambunan	5/1/2006	9/30/2006	25 days	Indonesian
National (Jakarta Post)	5. Senior Development Specialist (II)	Water Supply Engineer	Sonny Sulaksana	5/1/2006	9/30/2006	85 days	Indonesian
West Sumatra	4. Development Specialist (I)	ESP WSM TOT Trainer on Documentation & Peoples Media	Triyanto Adi	5/1/2006	9/30/2006	25 days	Indonesian
West Sumatra	5. Senior Development Specialist (II)	ESP WSM TOT Coordinator	Wahyu Sutisna	5/1/2006	9/30/2006	120 days	Indonesian
West Sumatra	5. Senior Development Specialist (II)	ESP WSM TOT Manager	Nugroho Wienarto	5/1/2006	9/30/2006	67 days	Indonesian
West Sumatra	7. Principal Development Specialist (II)	ESP WSM TOT Trainer	Yohanes	5/1/2006	9/30/2006	100 days	Indonesian
West Java		Water Supply Specialist for Water Quality	Job Supangkat	5/1/2006	9/29/2006	50 days	Indonesian
National (Jakarta Post)	3. Development Specialist (II)	Lead Researcher on ESP Formative Research for Sumatra Region	Adri Amirudin	4/26/2006	7/31/2006	60 days	Indonesian
National (Jakarta Post)	4. Development Specialist (I)	Lead Researcher on ESP Formative Research for Java Region	Semiarto Purwanto	4/26/2006	7/31/2006	77 days	Indonesian
North Sumatra	6. Senior Development Specialist (I)	Municipal Finance Specialist	Sunu Suworo Himpuno	4/24/2006	10/20/2006	130 days	Indonesian
National (Jakarta Post)	8. Principal Development Specialist (I)	PDAM Training Specialist	Taufan	4/10/2006	9/29/2006	90 days	Indonesian
Aceh	3. Development Specialist (II)	Environmental Management Consultant	Ernst-Jan Martijn	4/1/2006	3/31/2007	264 days	Dutch
West Java/DKI Jakarta	5. Senior Development Specialist (II)	Water Quality Specialist	Ida Dhaliawati	3/27/2006	8/7/2006	20 days	Indonesian
West Java/DKI Jakarta	3. Development Specialist (II)	Conservation Education and Campaign Coordinator	Bintoro Prabowo	3/20/2006	9/20/2006	90 days	Indonesian
Aceh	8. Principal Development Specialist (I)	Environmental Engineer	Leo Larochelle	3/10/2006	4/15/2006	30 days	Indonesian
Aceh	8. Principal Development Specialist (I)	Water Supply Engineer	Christoph Mor	3/6/2006	12/1/2006	190 days	German
Aceh	6. Senior Development Specialist (I)	Water Supply Engineer	Hendro Widodo	3/6/2006	12/1/2006	190 days	Indonesian
Aceh	6. Senior Development Specialist (I)	Water Supply Engineer	Sudigyo	3/6/2006	9/1/2006	130 days	Indonesian
Balikpapan	8. Principal Development Specialist (I)	Financial Analyst	David Woodward	3/1/2006	9/30/2007	100 days	British
Central Java/Yogyakarta	3. Development Specialist (II)	Spatial Planning Specialist	Sigit Widodo	3/1/2006	8/31/2006	132 days	Indonesian
National (Jakarta Post)	7. Principal Development Specialist (II)	Rare Senior Director	Megan Hill	2/27/2006	3/31/2006	12 days	American
Aceh	6. Senior Development Specialist (I)	PDAM Water Production Specialist	Titi Erman	2/20/2006	4/1/2006	30 days	Indonesian
Aceh	6. Senior Development Specialist (I)	PDAM Capacity Building Developer Specialist	Robert Simanjuntak	2/15/2006	7/31/2006	90 days	Indonesian
East Java	7. Principal Development Specialist (II)	PDAM Technical Specialist	Gogh Yoedihanto	2/13/2006	4/14/2006	42 days	Indonesian
East Java	6. Senior Development Specialist (I)	PDAM Technical Specialist	Ahmad Hayat	2/13/2006	8/12/2006	120 days	Indonesian
West Java/DKI Jakarta	5. Senior Development Specialist (II)	Engineering Assessment: demand and hydrology	Sonny Sulaksana	2/8/2006	4/30/2006	44 days	Indonesian

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Aceh	8. Principal Development Specialist (I)	Hydrogeologist	Philip Brown	2/6/2006	4/14/2006	48 days	American
Central Java/Yogyakarta	8. Principal Development Specialist (I)	Financial Analyst	Ramon Hagad	2/6/2006	12/31/2006	88 days	Filipino
North Sulawesi/Manado	8. Principal Development Specialist (I)	PDAM Technical Specialist	Laksmi Cahyaniwati	2/1/2006	9/23/2006	160 days	Indonesian
North Sumatra	6. Senior Development Specialist (I)	Training Design for ESP Agro-Forestry	Nugroho Wienarto	2/1/2006	5/15/2006	61.5 days	Indonesian
National (Jakarta Post)	8. Principal Development Specialist (I)	Financial Analyst	Andre Oosterman	2/1/2006	9/30/2006	100 days	Dutch
West Java/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst	Lewis Brandt	2/1/2006	12/31/2006	86 days	American
North Sumatra	8. Principal Development Specialist (I)	Agroforestry Training Specialist	Sean Foley	2/1/2006	3/31/2006	50 days	Australian
North Sumatra	8. Principal Development Specialist (I)	Training Design for ESP Agro-Forestry	Wahyu Sutisna	2/1/2006	5/15/2006	65 days	Indonesian
National/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst	Kjell Olsen	2/1/2006	0/30/2006	25 days	Norwegian
West Java	3. Development Specialist (II)	PDAM Technical Specialist	Ida Sukmawati	1/23/2006	8/23/2006	130 days	Indonesian
West Java/DKI Jakarta	3. Development Specialist (II)	PDAM Technical Specialist	Suhatri	1/23/2006	8/22/2006	130 days	Indonesian
West Java/DKI Jakarta	2. Associate Development Specialist	Urban Communities Water Specialist	Endah Shofiani	1/16/2006	7/15/2006	120 days	Indonesian
West Java/DKI Jakarta	2. Associate Development Specialist	Household Water Specialist	Mindy Weimer	1/16/2006	7/15/2006	90 days	American
West Sumatra	6. Senior Development Specialist (I)	PDAM Technical Specialist - Corporate Planning	Suarni S. Abuzar	1/16/2006	5/30/2006	45 days	Indonesian
West Java/DKI Jakarta	6. Senior Development Specialist (I)	Health & Hygiene Specialist	Maria Elena Figueroa	1/16/2006	3/31/2006	29 days	Mexican
National (Jakarta Post)	8. Principal Development Specialist (I)	Health & Hygiene Communication Advisor	Patricia Poppe	1/16/2006	3/31/2006	29 days	
West Java/DKI Jakarta	6. Senior Development Specialist (I)	Community based Solid Waste Management Specialist	Betty Nurhayati	1/15/2006	6/30/2006	80 days	Indonesian
U.S Home Office	8. Principal Development Specialist (I)	Regional Director, Asia	Edson Whitney	1/15/2006	9/30/2009	10 days	American
West Sumatra	2. Associate Development Specialist	PDAM Public Service Specialist	Denny Helard	1/9/2006	4/30/2006	60 days	Indonesian
National/DKI Jakarta	3. Development Specialist (II)	Landscape Planning Specialist	Bouvier Ioana	1/7/2006	2/25/2006	26 days	American
National/DKI Jakarta	4. Development Specialist (I)	Social Forestry Specialist	Muayat Ali Muhshi	1/3/2006	2/20/2006	28 days	Indonesian
West Sumatra	5. Senior Development Specialist (II)	Sanitation Facilitation Specialist	Firdaus Jamal	1/2/2006	6/30/2006	50 days	Indonesian
National/DKI Jakarta	8. Principal Development Specialist (I)	Forest and Land Rehabilitation Specialist	Christ. P.A. Bennett	1/2/2006	3/12/2006	78 days	American
U.S Home Office	8. Principal Development Specialist (I)	Project Management Specialist	Christy Owen	1/2/2006	9/30/2009	136 days	American
National/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst	Andre Oosterman	11/29/2005	2/28/2006	20 days	Dutch
Aceh	6. Senior Development Specialist (I)	Sanitary Engineering	Titi Erman	11/28/2005	1/14/2006	35 days	Indonesian
Aceh	6. Senior Development Specialist (I)	Water Supply Engineer	Betty Nurhayati	11/28/2005	1/14/2006	30 days	Indonesian
National (Jakarta Post)	4. Development Specialist (I)	Financial Controls Specialist	Robert Ryan-Silva	11/28/2005	12/31/2006	18 days	American
Aceh	5. Senior Development Specialist (II)	Finance Specialist	Rudy Jusdian	11/23/2005	5/14/2006	130 days	Indonesian
West Java	7. Principal Development Specialist (II)	Water Supply Engineer	Sher Singh	11/21/2005	2/28/2006	30 days	American
Aceh	2. Associate Development Specialist	Environmental Management Consultant	Norman Hoff	11/15/2005	5/31/2006	160 days	Australian
Aceh	6. Senior Development Specialist (I)	Water Supply Engineer	Hendro Widodo	11/14/2005	1/14/2006	50 days	Indonesian
Aceh	1. Administrative Support	Customer Service Specialist	Ilham Cendekia Srimarga	11/14/2005	4/31/2006	95 days	Indonesian
Aceh	6. Senior Development Specialist (I)	Water Supply Engineer	Sudigyo	11/14/2005	1/14/2006	54 days	Indonesian
Aceh	8. Principal Development Specialist (I)	Hydrogeologist	Philip Brown	11/10/2005	12/22/2005	30 days	American
Aceh	8. Principal Development Specialist (I)	Hydrogeologist	Philip Brown	11/10/2005	12/22/2005	30 days	American
Aceh	8. Principal Development Specialist (I)	Team Leader/Finance & Institutional Specialist	Bennett Parton	11/10/2005	1/15/2006	60 days	American

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Aceh	7. Principal Development Specialist (II)	Water Supply Engineer	Sher Singh	11/10/2005	1/14/2006	80 days	American
National/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst	Michel McLindon	11/9/2005	12/31/2005	20 days	American
National/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst	Ramon Hagad	11/1/2005	10/1/2006	120 days	Filipino
National (Jakarta Post)	8. Principal Development Specialist (I)	Protected Areas & Conservation Management Specialist	Darrell Kitchener	10/19/2005	12/30/2006	200 days	Australian
East Java	6. Senior Development Specialist (I)	Surabaya Sanitation and Solid Waste Management Specialist	Toeti Herisasi	10/17/2005	2/16/2006	80 days	Indonesian
West Java/DKI Jakarta	1. Administrative Support	Conservation Education and Campaign Assistant	Nia Kurniawati	10/11/2005	6/30/2006	130 days	Indonesian
North Sumatra	6. Senior Development Specialist (I)	Social Documentary Film Specialist	Rob Nugent	10/5/2005	10/20/2005	18 days	Australian
East Java	6. Senior Development Specialist (I)	PDAM Technical Specialist for Kota Malang	Rustamadji Wahono	10/3/2005	1/6/2006	60 days	Indonesian
Aceh	8. Principal Development Specialist (I)	Finance Specialist/Assessment Team Leader	Bennett Parton	10/3/2005	10/18/2005	12 days	American
West Java/DKI Jakarta	3. Development Specialist (II)	WSM Facilitator	Dede Suryana	10/3/2005	1/31/2006	80 days	Indonesian
East Java	3. Development Specialist (II)	Junior PDAM technical Specialist Kabupaten Malang	Jumarwan	10/3/2005	1/6/2006	156 days	Indonesian
West Java/DKI Jakarta	4. Development Specialist (I)	Community based Solid Waste Management Specialist	Ria Ismaria	10/3/2005	10/31/2005	14 days	Indonesian
West Java/DKI Jakarta	3. Development Specialist (II)	Watershed Management Facilitator	Saeful Bahri	10/3/2005	12/31/2005	80 days	Indonesian
Aceh	2. Associate Development Specialist	GIS Specialist	Jenifer Fly	10/1/2005	10/30/2005	22 days	American
National (Jakarta Post)	8. Principal Development Specialist (I)	Financial Specialist	Kjell Olsen	10/1/2005	12/31/2005	25 days	Norwegian
Aceh	6. Senior Development Specialist (I)	Management Information Specialist	Tami Fries	10/1/2005	10/30/2005	21 days	American
Aceh	2. Associate Development Specialist	GIS Specialist	Jenifer Fly	10/1/2005	10/30/2005	22 days	Indonesian
National (Jakarta Post)	8. Principal Development Specialist (I)	Financial Analyst	David Woodward	9/26/2005	9/29/2006	45 days	British
West Sumatra	3. Development Specialist (II)	PDAM Technical Specialist	Immanuel Ginting	9/26/2005	5/19/2006	171 days	Indonesian
Aceh	7. Principal Development Specialist (II)	Environmental Management Consultant	Norman Hoff	9/25/2005	10/7/2005	13 days	American
West Java/DKI Jakarta	3. Development Specialist (II)	Conservation Education & Campaign Coordinator	Putu Wirawan	9/21/2005	1/31/2006	65 days	American
East Java	3. Development Specialist (II)	Health Communication	Lilik Zuhriah	9/19/2005	2/18/2006	60 days	Indonesian
National (Jakarta Post)	8. Principal Development Specialist (I)	Waste Water Treatment Expert	Edzard Ruhe	9/19/2005	12/31/2005	45 days	German
National (Jakarta Post)	7. Principal Development Specialist (II)	Appreciative Inquiry Expert	Dian Svendsen	9/11/2005	10/8/2005	28 days	American
West Java/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst/Water Engineer	T. Stephen Jones	9/3/2005	12/31/2005	100 days	American
West Java/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst/Water Engineer	Terence Driscoll	9/3/2005	9/30/2007	30 days	American
Aceh	4. Development Specialist (I)	Financial Specialist	Enjang Hasanudin	8/29/2005	10/14/2005	46 days	Indonesian
North Sumatra	4. Development Specialist (I)	PDAM institutional Specialist	Julian Syah	8/22/2005	11/17/2005	140 days	Indonesian
Aceh	6. Senior Development Specialist (I)	Hydrogeologist	Gatot Soedrajat	8/22/2005	9/16/2005	22 days	Indonesian
Aceh	8. Principal Development Specialist (I)	Hydrogeologist	Philip Brown	8/15/2005	9/16/2005	27 days	American
Aceh	8. Principal Development Specialist (I)	Hydrogeologist	Philip Brown	8/15/2005	9/16/2005	27 days	American
National (Jakarta Post)	8. Principal Development Specialist (I)	Gender and Water Specialist	Nancy Diamond	8/13/2005	9/2/2005	60 days	American
North Sumatra	3. Development Specialist (II)	PDAM Training Specialist	Ida Sukmawati	7/25/2005	10/7/2005	76 days	Indonesian
West Java/DKI Jakarta	2. Associate Development Specialist	Communication Manager	Risang Rambatmaja	7/25/2005	7/24/2006	108 days	Indonesian
West Java/DKI Jakarta	6. Senior Development Specialist (I)	Water Resource Conflict Management Specialist	Nugroho Wienarto	7/18/2005	9/30/2005	30 days	Indonesian
National/DKI Jakarta	4. Development Specialist (I)	Participatory Non Formal Education Specialist	Simon H. Tambunan	7/18/2005	9/30/2005	40 days	Indonesian
National (Jakarta Post)	8. Principal Development Specialist (I)	Watershed Management Planning Specialist	Jan Gerards	7/10/2005	7/25/2005	14 days	Dutch
National (Jakarta Post)	7. Principal Development Specialist (II)	Graphics Design and Communication Specialist	Donald Bason	6/15/2005	9/29/2006	65 days	British

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West Java/DKI Jakarta	4. Development Specialist (I)	Participatory Media and Documentation Specialist	Triyanto Adi	6/14/2005	8/21/2005	20 days	Indonesian
Aceh	6. Senior Development Specialist (I)	Water Quality Specialist	Ida Dahliawati	6/14/2005	8/31/2005	63 days	Indonesian
National (Jakarta Post)	5. Senior Development Specialist (II)	Health and Hygiene Specialist	Maria Elena Figueroa	6/13/2005	6/18/2005	6 days	Mexican
West Java/DKI Jakarta	8. Principal Development Specialist (I)	Financial Analyst	David Woodward	6/8/2005	10/31/2005	45 days	British
National (Jakarta Post)	8. Principal Development Specialist (I)	Health Communication Specialist	Benjamin Lozare	5/22/2005	5/26/2005	4 days	American
National (Jakarta Post)	7. Principal Development Specialist (II)	Public Outreach and Communication Specialist	Paul Butler	5/21/2005	6/2/2006	18 days	American
National (Jakarta Post)	7. Principal Development Specialist (II)	Public Outreach and Communication Specialist	Megan Hill	5/20/2005	6/2/2005	10 days	American
West Java/DKI Jakarta	4. Development Specialist (I)	Health Communication Specialist - West Java	Evi Douren	5/16/2005	8/22/2006	58 days	Indonesian
U.S Home Office	1. Administrative Support	Research Assiatant/Project Coordinator	Kathleen Gaertner	4/18/2005	9/30/2009	30 days	American
National (Jakarta Post)	8. Principal Development Specialist (I)	Child Survival Monitoring Specialist	Eckhard Kleninau	4/17/2005	11/30/2005	15 days	American
National (Jakarta Post)	5. Senior Development Specialist (II)	Environmental Health Monitoring Specialist	Misa Kishi	4/17/2005	9/30/2005	104 days	Japanese
National (Jakarta Post)	2. Associate Development Specialist	Public Outreach & Communication Strategy Devt Specialist	Sri Gunadi	3/1/2005	8/31/2005	80 days	Indonesian
U.S Home Office	7. Principal Development Specialist (II)	Vice President	Dale Galvin	3/1/2005	9/16/2007	17 days	American
U.S Home Office	8. Principal Development Specialist (I)	Chief Executive Officer	Brett Jenks	3/1/2005	9/16/2009	9 days	American
U.S Home Office	3. Development Specialist (II)	IT System Administrative	Cecilia Hipos	2/23/2005	3/30/2005	30 days	Filipino
U.S Home Office	3. Development Specialist (II)	Program Officer II, Asia	Jenifer Bowman	2/15/2005	9/30/2009	200 days	American
U.S Home Office	1. Administrative Support	Program Associate Asia	Jocelyn Raynor	2/15/2005	9/30/2009	50 days	American
U.S Home Office	5. Senior Development Specialist (II)	Regional Financial Administrative	David Rouse	2/15/2005	9/30/2009	30 days	American
U.S Home Office	4. Development Specialist (I)	Finance Manager	Valerie Smith	2/15/2005	9/30/2009	37,5 days	American
Aceh	8. Principal Development Specialist (I)	Aceh Assessment Team Leader	Edzard Ruhe	2/2/2005	3/2/2005	24 days	German
National (Jakarta Post)	6. Senior Development Specialist (I)	Environment Health Specialist	Christopher McGahey	1/2/2005	9/13/2006	56 days	American



## APPENDIX C: REPORTS AND PUBLICATIONS

### Environmental Services Program

No	Series #	Date	Title	Author	Status
<b>Annual Report</b>					
1	R-0173	09/30/2006	Annual Progress Report No. 2 October 2005 through September 2006	IESP Staff Members	Final/Available for Distribution
<b>Annual Work Plan</b>					
2	R-0172	09/30/2006	2007 Annual Work Plan		Final/Available for Distribution
3	R-0145	01/29/2007	Workplanning for Integration: Health in the Watershed Preventing Diarrhea Upstream and Down	McGahey, Christopher	Final/Available for Distribution
<b>Case Studies/Best Practices</b>					
4	R-0110	07/01/2005	Studi Kasus Pelatihan Calon Pemandu Kegiatan Kajian Partisipatif oleh Masyarakat	Tim FIELD Indonesia	Final/Available for Distribution
<b>Consultant Report</b>					
5	R-0085	02/28/2006	PDAM Tirta Kahuripan Kabupaten Bogor - Preliminary Financial Feasibility Analysis of Investment Proposal	Hagad, Ramon	Final/Available for Distribution
6	R-0146	07/31/2006	PDAM Tirta Gemilang Magelang District, Preliminary Financial Feasibility Analysis of Investment Proposal	Hagad, Ramon	Final/Available for Distribution
7	R-0147	07/31/2006	PDAM Tirta Gemilang, Kabupaten Magelang - Analisa Kondisi Keuangan dan Analisa Pra Studi Kelayakan Usulan Investasi	Hagad, Ramon	Final/Available for Distribution
8	R-0149	07/26/2006	Preliminary Financial Feasibility Analysis of Investment Proposal - Bulk Water Project in Majalengka Supplied to PDAM Kota Cirebon	Benny Djumhana	Final/Available for Distribution
9	R-0156	10/01/2006	Krueng Mountala Water Supply Feasibility Study	Mor, Christoph	Final/Available for Distribution
10	R-0186	09/30/2006	The Indonesia Water Fund - Assessment of Feasibility	Oosterman, Andre	Final/Available for Distribution
11	R-0187	08/31/2006	PDAM Kota Surakarta : Preliminary Financial Feasibility Analysis of Investment Proposal	Hagad, Ramon	Final/Available for Distribution

12	R-0192	06/29/2006	PDAM Kota Bandung Preliminary Financial Feasibility Analysis of Cimenteng Investment Proposal	Brandt, Lewis.,Ely, Saiful.	Final/Available for Distribution
<b>Manuals/Guidelines</b>					
13	R-0040	12/23/2005	Capacity Building untuk Fasilitator Pendamping di Cianjur – Jawa Barat	WSM Cianjur Team	Final/Available for Distribution
14	R-0068	07/19/2005	Buku Petunjuk Lapangan Pelatihan Calon Pemandu Kajian Partisipatif Oleh Masyarakat Dalam Rangka Pelestarian Lingkungan Hidup	Tim FIELD Indonesia (STTA- Sub Contractor)	Final/Available for Distribution
15	R-0072	03/16/2006	Satellite Imagery: Basic Information, Availability, Characteristics and How to Purchase It	Amrullah	Final/Available for Distribution
16	R-0164	01/29/2007	Petunjuk Lapangan - Materi Pelatihan Pemandu Sekolah Lapangan Pengelolaan Daerah Aliran Sungai ESP	Tim ESP dan FIELD Indonesia	Final/Available for Distribution
<b>Monitoring &amp; Evaluation Reports</b>					
17	R-0204	04/16/2007	Profile of ESP Small Grant Programs	Wouter Sahanaya	Final/Available for Distribution
<b>Quarterly Report</b>					
18	R-0153	10/13/2006	ESP Quarterly Report No. 6 July-September 2006	IESP Staff	Final/Available for Distribution
19	R-0180	12/31/2006	Quarterly Report No. 7, October-December 2006	ESP Team	Final/Available for Distribution
20	R-0197	04/20/2007	Quarterly Report No. 8, January-March 2007	ESP Team	Final/Available for Distribution
21	R-0210	06/30/2007	Quarterly Report No. 9, April-June 2007	IESP Team	Final/Available for Distribution
<b>Surveys</b>					
22	R-0036	12/31/2005	Survey Awal Kondisi Daerah Aliran Sungai Krueng Aceh	Team ESP & Mapayah, PENA	Final/Available for Distribution
23	R-0046	03/31/2005	Aceh Assessment Report	Ruhe, Edzard,Budiman, Jefry,Ika, Angela,Irfan	Final/Available for Distribution
24	R-0052	01/31/2006	Watershed Selection Matrix of Nanggroe Aceh Darussalam	Watershed Management Team - ESP Banda Aceh/NAD	Final/Available for Distribution

25	R-0053	01/31/2006	Matrix of Site Selection in Krueng Aceh Watershed	Watershed Management Team ESP Banda Aceh/NAD	Final/Available for Distribution
26	R-0076	01/31/2006	Laporan Survai Kepuasan Pelanggan PDAM Kabupaten Solok 2005	Ginting, Immanuel, Afghoni	Final/Available for Distribution
27	R-0105	09/30/2005	Survai Hidrogeologi dan Sumber Daya Air di Hulu DAS Deli Kabupaten Karo dan Deli Serdang, Sumatra Utara	Rizal, Khairul	Final/Available for Distribution
28	R-0109	05/26/2006	Laporan Identifikasi Sei Wampu, Masalah dan Para Pemangku Kepentingan	Betrit, Jon	Final/Available for Distribution
29	R-0189	04/07/2006	Survai Tutupan Lahan di DAS Deli	Rizal, M. Khairul	Final/Available for Distribution
30	R-0190	09/13/2005	Survai Hidrogeologi pada Hulu Das Deli dan Sumber Air Baku PDAM Tirtanadi Cabang Sibolangit		Final/Available for Distribution
<b>Technical Reports</b>					
31	R-0037	01/30/2006	Model Rehabilitasi Harapan Masyarakat Sukaresmi	Arman Abdul Rohman, Dede Suryana, Erwinsyah, Sabdo Sumartono	Final/Available for Distribution
32	R-0080	03/24/2006	Sampling and Analysis Plan for Groundwater and Surface Water Sampling in Krueng Aceh Basin	Brown, Phil	Final/Available for Distribution
33	R-0081	03/24/2006	Action Plan for Integrated Solid Waste Management in Nanggroe Aceh Darussalam, Indonesia	Leo Larochelle	Final/Available for Distribution
34	R-0090	02/04/2006	Detailed Engineering Design of Puskesmas' Watsan Facilities Phase II (5 Units)	Ridwan Habibie	Final/Available for Distribution
35	R-0092	12/14/2006	Optimalisasi Sambungan Sosial (Kran Umum, MCK dan Tangki Air) PDAM Kota Padang, 2006 Laporan Pertama: Evaluasi Kondisi Eksisting, Permasalahan dan Rekomendasi		Final/Available for Distribution
36	R-0093	07/25/2006	Corporate Plan PDAM Tirtanadi 2006-2010	Benny Djumhana	Final/Available for Distribution
37	R-0094	01/18/2006	Matrix of Site Selection in Krueng Sabee Geupu Watershed	Hendra Syahrial	Final/Available for Distribution
38	R-0095	01/05/2006	Report - Small Group Discussions (SGD) on the Establishment of Krueng Aceh Watershed Forum Banda Aceh Municipality and Aceh Besar District, NAD Province	Irfan, Ivan Krisna	Final/Available for Distribution

39	R-0096	05/13/2006	Comparative Study - Centralized Wastewater Treatment Plants in Indonesia	Dr. Edzard Ruhe, Poppy Lestari, Oni Hartono, Benny Djumhana	Final/Available for Distribution
40	R-0097	03/31/2006	Kajian Teknis Cepat, Dusun Blang Lambaro, Desa Saree Aceh, Kecamatan Lembah Seulawah, Kabupaten Aceh Besar, NAD	Eri Arianto	Final/Available for Distribution
41	R-0098	01/04/2006	PDAM Kabupaten Subang : Feasibility Analysis for the Proposed Subang Water Resource and Water Transmission Main Project	Jones, T. Stephen	Final/Available for Distribution
42	R-0112	06/24/2006	Buku Panduan Forum Peduli Air Taman Nasional Gunung Gede Pangrango	Forpela	Final/Available for Distribution
43	R-0133	09/08/2006	Mendengarkan, Belajar dan Melakukan Aksi Bersama Masyarakat	Jaringan Aksi Sungai Deli	Final/Available for Distribution
44	R-0134	05/04/2006	Lokakarya Jaringan Aksi - Pengembangan Strategi Pengelolaan Menuju Ekosistem Sungai Deli yang Bersih dan Sehat	Muhammad Hambal	Final/Available for Distribution
44	R-0135	01/29/2007	PDAM Kota Bandung, Proposal Penyesuaian Tarif Jasa Pelayanan PDAM 2006	Ely, Saiful	Final/Available for Distribution
45	R-0136	06/30/2006	PDAM Kota Bandung Tariff Adjustment Proposal 2006	Ely, Saiful	Final/Available for Distribution
46	R-0137	07/03/2006	Diskusi Kelompok Terbatas Rehabilitasi Pantai Berbasis Masyarakat, Dusun Kuala Meurisi, Desa Keutapang, Kecamatan Krueng Sabee, Kabupaten Aceh Jaya, NAD		Final/Available for Distribution
47	R-0138	07/04/2006	Diskusi Kelompok Terbatas untuk Rehabilitasi Pantai Berbasis Masyarakat Desa Sawang (Lageun) Kecamatan Setya Bakti, Kabupaten Aceh Jaya, NAD		Final/Available for Distribution
48	R-0139	07/05/2006	Diskusi Kelompok Terbatas untuk Rehabilitasi Pantai Berbasis Masyarakat Desa Keudee Krueng Sabee Kecamatan Krueng Sabee, Kabupaten Aceh Jaya, NAD		Final/Available for Distribution
49	R-0140	07/06/2006	Diskusi Kelompok Terbatas Rehabilitasi Pantai Berbasis Masyarakat Desa Lam Seunia, Kecamatan Leupung, Kabupaten Aceh Besar, NAD		Final/Available for Distribution
50	R-0141	07/12/2006	Pemetaan Topografi Partisipatif di Blang Lambaro, Jantho Baru, Jruek Balee		Cancelled by agreement with TO CTO
51	R-0142	07/21/2006	Rehabilitasi Sungai Krueng Lageun Dengan Penanaman Batang Jaloh, Desa Sawang, Kec. Setia Bakti, Kab. Aceh Jaya, NAD		Final/Available for Distribution

52	R-0151	07/19/2006	Kajian Fasilitas Air Bersih dan Sanitasi Sekolah di Jogonalan, Klaten, Jawa Tengah	Hartono, Oni ,Afghoni ,Kurniawan, Judy	Final/Available for Distribution
53	R-0158	09/03/2006	Comparative Assessment Community Based Solid Waste Management (CBSWM) Medan, Bandung, Subang, and Surabaya	Trisyanti, D.	Final/Available for Distribution
54	R-0159	05/31/2006	Technical Feasibility Study for PDAM Kota Bandung Cimenteng Water Supply System	Sher Singh	Final/Available for Distribution
55	R-0182		ESPs WSM Field School and Scaling-Up	Merril, Reed	Final/Available for Distribution
56	R-0183		Hasil Diskusi Rencana Rehabilitasi Lahan di Kawasan TNGP Cianjur - Jawa Barat	ESP Jawa barat	Final/Available for Distribution
57	R-0184		Hasil Kajian Peta Masalah Usaha Meningkatkan Kesehatan Masyarakat Melalui Program Pengelolaan Air Bersih dan Lingkungan Hidup di Cianjur - Jawa Barat		Final/Available for Distribution
58	R-0185	09/29/2006	PDAM Tirta Kahuripan Kabupaten Bogor: Financial Feasibility Bond Offering	Hagad, Ramon.,Woodward, David.	Final/Available for Distribution
59	R-0191		Formative Research Report: Hygiene & Health	ESP Team	Final/Available for Distribution
60	R-0193		Water Quality Monitoring and Hydrochemical Loading Study	Brown, Phill and Mulyana Asep	Final/Available for Distribution
<b>Training/Workshop Proceedings</b>					
61	R-0039	12/23/2005	Laporan Kegiatan Workshop Para Pihak: Usaha Meningkatkan Kesehatan Masyarakat Melalui Program Pengelolaan Air Bersih dan Lingkungan Hidup di Kecamatan Cianjur, Gekbrong, Warung Kondang, Cugenang, Pacet, Cipanas dan Sukaresmi	Core Team of Cianjur Multistakeholders Forum	Final/Available for Distribution
62	R-0041	12/31/2005	Pemetaan dan Kalkulasi Kedalaman Substrate pada Lahan Bakau	Rizal, M. Khairul	Final/Available for Distribution
63	R-0099	03/30/2006	Kajian Penghidupan Berkelanjutan, Gampong Jruek Balee, Kemukiman Jruek, Kecamatan Indrapuri - Kabupaten Aceh Besar	Djailani, Irfan et al	Final/Available for Distribution
64	R-0100	03/30/2006	Kajian Penghidupan Berkelanjutan Desa Jantho Baru Kabupaten Aceh Besar, NAD	Krisna, Ivan	Final/Available for Distribution
65	R-0101	02/28/2006	Kajian Penghidupan Berkelanjutan, Desa Sawang, Kemukiman Lageun, Kecamatan Setia Bakti, Kabupaten Aceh Jaya	Syahrial, Hendra et al	Final/Available for Distribution
66	R-0102	03/30/2006	Kajian Penghidupan Berkelanjutan, Desa Keudee Krueng Sabee, Kecamatan Krueng Sabee, Kabupaten Aceh Jaya, Nanggroe Aceh Darussalam	Syahrial, Hendra et al	Final/Available for Distribution

67	R-0103	03/30/2006	Kajian Penghidupan Berkelanjutan, Dusun Kuala Meurisi, Desa Keutapang, Kecamatan Krueng Sabee, Kabupaten Aceh Jaya, NAD	Syahril, Hendra et al	Final/Available for Distribution
68	R-0104	12/16/2005	Laporan Pelatihan Pemandu - Kajian Penghidupan Berkelanjutan Dusun Blang Lambaro, Desa Saree Aceh Kec. Lembah Seulawah, Kab. Aceh Besar, NAD	Pontius, John et al	Final/Available for Distribution
69	R-0163	01/29/2007	Laporan Akhir - Pelatihan Pemandu dan Sekolah Lapangan Pengelolaan Daerah Aliran Sungai ESP	Tim ESP and FIELD Indonesia	Final/Available for Distribution
70	R-0188		Pelatihan Pemetaan Partisipatif di Sekitar Kawasan Daerah Aliran Sungai Deli, Desa Bukum, Kecamatan Sibolangit, Kabupaten Deli Serdang	Rizal, M. Khairul	Final/Available for Distribution

## APPENDIX D: SMALL GRANTS PROGRAM (AS OF SEPTEMBER 30, 2007)

No.	Region	Grantee	Location	Title	Goal /Objective	# of Beneficiaries	Grant Amount	Link to ESP Outcome Target	Start and End date
1	Aceh	Yayasan Ekosistem Lestari (YEL)	Institute Pertanian Bogor	Training in conservation and social marketing techniques at IPB	To develop a communication and awareness program concerning environmental protection and biodiversity conservation.	One Campaign Manager and YEL Staff	\$5,000	WS # 3 : Area of forests with high biodiversity conservation value under improved local management increases by 50%	5/29 – 8/11/06
2		Yayasan Peduli Nanggroe Aceh (YAPENA)	Institute Pertanian Bogor	Training in conservation and social marketing techniques at IPB	To develop a communication and awareness program concerning environmental protection and biodiversity conservation.	One Campaign Manager and YAPENA Staff	\$5,000	WS # 3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	5/29 – 8/11/06
3		Masyarakat Penyayang Alam dan Lingkungan (MAPAYAH)	Institute Pertanian Bogor	Training in conservation and social marketing techniques at IPB	To develop a communication and awareness program concerning environmental protection and biodiversity conservation.	One Campaign Manager and YAPENA Staff	\$5,000	WS # 3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	5/29 – 8/11/06

4		Yayasan Ekosistem Lestari (YEL)	Kabupaten Aceh, Suaka Margasat-wa Rawa Singkil	Suaka Margasatwa Rawa Singkil - DAS Alas, Kabupaten Aceh Singkil	Rare Pride campaign to improve advocacy and behavior change in watershed management and biodiversity in the DAS Alas of Kabupaten Aceh Singkil.	25; 000 farmers	\$25,000	VVS # 3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	9/28/06 – 9/27/07
5		Yayasan Peduli Nanggroe Aceh (YAPENA)	Kr.Aceh and Kr. Geupu, Aceh Besar	Kampanye Bangsa Melestarikan Alam DAS Kr.Aceh & DAS Kr.Geupu, Aceh Besar	Rare Pride campaign to improve advocacy and behavior change in watershed management and biodiversity in DAS Kr.Aceh and DAS Kr. Geupu.	15,000 farmers	\$25,000	VVS #3 Area of forests with high biodiversity conservation value under improved local management increases by 50%	9/28/06 – 9/27/07
6		Masyarakat Penyayang Alam dan Lingkungan (MAPAYAH)	Seulawah ecosystem area of the DAS Kr. Aceh	Peranan Pendidikan Konservasi Dalam Penyelamatan Hutan di Kawasan Ekosistem Seulawah	Rare Pride campaign to improve advocacy and behavior change in watershed management and biodiversity in the Seulawah ecosystem area of the DAS Kr. Aceh.	17,000 farmers	\$25,000	VVS(3) Area of forests with high biodiversity conservation value under improved local management increases by 50%	9/28/06 – 9/27/07
7	North Sumatera	Suluh Muda Indonesia (SMI)	Kotamadya Medan, Sunggal	Urban Security Water Program	To secure and improve access to clean water to urban poor population in Sunggal, Medan..	337 people living alongside the river bank of Sunggal	\$8,946.85	SD #2: Population with access to clean water is increased by 20%.	11/21/05 – 11/21/06

8	Orangutan Information Center (OIC)	Kab. Deli Serdang	Tree Nursery and Replanting Project for Water catchments areas in Sibolangit, Deli Serdang, North Sumatera.	To develop a tree nursery center to support community forestry program in areas affected by deforestation and illegal logging activities in Kabupaten Deli Serdang	Community groups from two villages in DAS Sibolangit . Regreening with the planting of 36,500 seedlings in the DAS Sibolangit.	\$11,962.70	WS#2 Improvement of watershed function in areas supplying water to urban centers and PDAMs as measured by a 50% increased in rehabilitated land.	12/19/05 – 12/18/06
9	Jaringan Kesejahteraan /Kesehatan Masyarakat (JKM)	Sei Mati dan Kampung Baru, Maimun, Medan	Program Swadaya Air Bersih oleh Komunitas dan Peningkatan Sanitasi Lingkungan di Daerah Aliran Sungai (DAS) Kecamatan Medan Maimun	To increase the percentage of population to have access to clean water in accordance to health standards and to have an improved community-based sanitation management system in the two target villages.	370 Households in two villages of Sei Mati and Kampung Baru	\$23,620	SD #2: Population with access to clean water is increased by 20%	11/28/05- 11/25/06
10	Yayasan Akar Rumput Laut	Secanggang-Langkat as the first region in North Sumatera for mangrove rehabilitation activities with spread to the mouth of the Deli River	Mangrove Rehabilitation for Disaster Prevention and Long Term Economic Benefits in North Sumatera	To work together with local communities, NGOs and government agencies to rehabilitate mangrove ecosystems in previously prioritized disused shrimp ponds and destroyed mangrove areas in Langkat Regency, North Sumatera.	96 Ha rehabilitated and 6 community groups	\$6,125	WS #2: 50% increase in rehabilitated land ; WS #1: The formation of 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; WS #3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	2/28/06 – 2/28/07

11	Bina Inspirasi Sahabat Peduli (Bis Peduli)	11 Kampung in 5 subdistricts: Medan Belawan, Medan Labuhan, Medan Marelan, Medan Deli, and Medan Barat	Program Pengorganisasian dan Pemberdayaan Masyarakat Kota Berbasis Kesehatan Lingkungan	To re-use and re-cycle plastic waste through effective community-based management to achieve a clean and healthy environment along the Deli River and to improve community living standard.	The peri -urban community of 11 hamlets or 2962 households along the Deli River or around 13,000 people	\$19,566.93	SD(5) At least 15 small scale solid waste management plans developed	08/22/06 – 08/20/07
12	Yayasan Perlindungan Lingkungan Hidup dan Pelestarian Alam (PALAPA)	TAHURA Bukit Barisan, North Sumatera	Penguatan Masyarakat Kawasan TAHURA Bukit Barisan Dalam Upaya Pelestarian Keanekaragaman Hayati dan Daerah Aliran Sungai Berbasis Partisipasi Masyarakat	To reduce the degradation of the TAHURA Bukit Barisan and the Deli and Wapu Watershed area through participatory community-based conservation managemen	User groups of 7 villages	\$23,414.44	WS #1: The formation of 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; WS #2: 50% increase in rehabilitated land ; WS #3 Area of forests with high biodiversity conservation value under improved local management increases by 50%	08/30/06 - 08/29/07
13	Perserikatan Perlindungan Anak Indonesia	Labuhan Deli, North Sumatra/ Kab. Deli Serdang	Peningkatan Kesehatan AnaK Sekolah Dasar dengan Membiasakan Cuci Tangan Memakai Air Bersih dan Sabun	To improve the health of elementary school children through hand washing with clean water and soap in Labuhan Deli.	5 (five) primary schools, madrazas in Kelurahan Labuhan Deli, Tanjung Mulia, dan Aur with a total of 1712 students, 50 teachers, and 150 student parents and communities living surround the schools.	\$24,969	SD# 7: The precursors needed to impact childhood diarrheal disease (clean water and sanitation) are contributed to the BHS effort to reduce the incidence of childhood diarrheal disease and mortality	09/18/06 – 09/17/07

14		Yayasan Leuser Lestari (YLL)	4 kampungs in the TAHURA Bukit Barisan	Community Self-Help Management of Bukit Barisan Park Reserve in the Deli Watershed	To minimize the degradation of forest and its biodiversity in the TAHURA Bukit Barisan and to improve the forest condition of the Deli watershed.	Community groups in 4 kampungs in Tahura	\$24,673	VWS #3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	09/25/06 – 09/24/07
15		Penguatan Rakyat Pedesaan (PARAS)	DAS Wampu, Langkat	Pengadaan Air Bersih dan Reboisasi Daerah Aliran Sungai Wampu Berbasis Masyarakat	To provide the people of the three villages along the Wampu River with access to clean water and to rehabilitate the degraded land.	3 villages along the Wampu River	\$24,943	VWS #2: 50% increase in rehabilitated land ; SD #2: Population with access to clean water	09/25/06 - 09/24/07
16	West Sumatera	Llembaga Pengkajian dan Pemberdayaan Masyarakat (LP2M)	Sub-DAS Batang Arau, Padang	Women and Environmental Sanitation	To implement/create a healthy environment in the community implemented by, from and for the community themselves.	280 HH living within and surround the sub-DAS Batang Arau	\$24,478	SD # 7: The precursors needed to impact childhood diarrheal disease (clean water and sanitation) are contributed to the BHS effort to reduce the incidence of childhood diarrheal disease and mortality	07/03/06 – 07/02/07
17	West Java	Wahana Informasi Pariwisata Alam (WIPA)	Bogor, Cianjur	Ecotourism Maps for Gede Pangrango	To introduce the area at the foot of Mt Gede and Pangrango in Bogor and Cianjur to a wide public by way of detailed maps of footpaths and other objects of touristic interest, and thereby attract visitirs to undertake self-guided tour on foot.	All residence of Cianjur and Bogor and surrounding towns including DKI Jakarta	\$19,999	WS #1: The formation of 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	11/15/05 – 11/15/06

18		Yayasan Bina Sehat Sejahtera (YBSS)	DAS Cisarua Leutik, Cianjur, West Java	Pengelolaan Sampah Padat oleh Masyarakat di daerah Aliran Sungai (DAS Cisarua Leutik, Kabupaten Cianjur	To have three pilot project on community - based solid waste management in the DAS of Cisarua Leutik	22; 425 people	\$24,161	SD #5: At least 15 solid waste management plans are developed and implemented.	07/05/06 – 07/04/07
19		Koalisi untuk Jawa Barat Sehat	Taman Sari Kota Bandung	Pengelolaan Sampah Berbasis Komunitas in Tamansari, Bandung	To improve the environmental health in the community through community-based solid waste management.	26; 500 people where 50% are women	\$24,167	SD #5: At least 15 solid waste management plans are developed and implemented.	07/17/06 – 07/16/07
20	East Java	Yayasan Kaliandra Sejati	Institute Pertanian Bogor	Training in conservation and social marketing techniques at IPB	To develop a communication and awareness program concerning environmental protection and biodiversity conservation.	One Campaign Manager and YEL Staff	\$5,000	VWS # 3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	5/29 – 8/11/06
21		Yayasan Kaliandra Sejati	Prigen, Pandaan, East Java	Adaptasi Pengelolaan Hutan Kolaboratif Sebagai Sarana Pelestarian Daerah Tangkapan Air di TAHURA R Suryo, Gunung Gumandar, Kabupaten Pasuruan, Jawa Timur	Rare Pride campaign is to improve advocacy and behavior change in watershed management and biodiversity in the TAHURA R Suryo and Production Forest of Dayurejo.	15, 140 farmers in the village of Prigen, Pandaan	\$25,000	VWS(3) Area of forests with high biodiversity conservation value under improved local management increases by 50%	09/28/06 – 09/27/07

22	Lembaga Masyarakat Desa Hutan (LMDH)	Oro-oro Ombo and Bumi Aji, Kabupaten Malang	Pengembangan Usaha Pembibitan Permanen Berbasis Masyarakat	To empower community in tree nursery development to support the Batu Hijau Lestari Movement and to continuously supply high quality multipurpose trees species to overcome forest degradation in Batu District.	250 farmers group	\$14,143	VWS#2: 50% increase in rehabilitated land	07/31/06 – 07/30/07
23	Serikat Petani Gunung Biru	Wengkon, Kota Batu, Malang	Program Penghijauan Serikat Petani Gunung Biru (SPGB)	To reduce the individual farmers practices and encroachment of the Wengkon Forest area and to restore the Wengkon forest area through community-based agroforestry management.	220 farmers of Wengkon	\$9,678	VWS#2: 50% increase in rehabilitated land	07/31/06 – 07/30/07 -
24	Pengurus Wilayah Muhammadiyah Jawa Timur	Paciran Lamongan, Jawa Timur	Penanganan Kompleksitas Masalah Perilaku di Desa Paciran, Lamongan RW IV dan V	To have a clean and physically healthy environment in Paciran, Lamongan	2456 people in Paciran Lamongan	\$24,444	SD #2: Population with access to clean water is increased by 20% ; SD #5: At least 15 solid waste management plans are developed and implemented; SD #6: At least 25 small scale sanitation plans are developed and implemented; SD #6: The precursors needed to impact childhood diarrheal disease (clean water and sanitation) are contributed to the BHS effort to reduce the incidence of childhood diarrheal disease and mortality	09/11/06 – 09/10/07

25		Fokal Mesra	Temas, Kabupaten malang	Community-based waste water treatment through comunal septic tank and wetland	To minimize the negative environmental impact of untreated waste water produced by households, home industries and small scale Tofu factories in Temas sub-village in Kota Batu, East Java.	15 Fokal Mesra members trained in management and maintenance of the waste water piping network in order the system will sustain. The direct beneficiaries are the 50 households or 250 people and the indirect beneficiaries are 14, 800 people who live in Temas.	\$8,799.22	SD4-3 Prepare and construct Community-Based Sanitation (CBS) Systems; SD4-5 Improve Individual Septic Tank Systems; and WSI-4 Community Groups Supporting Improved Natural Resource Management Created.	8/20 – 10/20/07
26	Central Java/DIY	YBL MastA	Institute Pertanian Bogor	Training in conservation and social marketing techniques at IPB	To develop a communication and awareness program concerning environmental protection and biodiversity conservation.	One Campaign Manager and YBL MastA Staff	\$5,000	WS#3:Area of forests with high biodiversity conservation value under improved local management increases by 50%	5/29 – 8/11/06
27		YBL MastA	Magelang, Central Java	Pengelolaan Kawasan Sub-DAS Tangsi Yang Berkelanjutan dan Berbasis Masyarakat dengan Kampanye Pride	Rare Pride campaign to improve advocacy and behavior change in watershed management and biodiversity in the sub-DAS Tangsi of DAS Progo in Central Java.	8 villages in the sub- DAS Tangsi of DAS Progo	\$25,000	WS#3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	09/28/06 – 09/27/07
28		Darmowarih	Magelang, Central Java	Self-sustained community-based clean water supplymanagement	To provide access to clean water through the installation of clean water systems managed by a community-based cooperative unit.	This project will benefit 40 households and later will benefit another 120 households.	\$8,949.39	SD(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	6/04 – 10/04/07

29	North Sulawesi	Yayasan Lembaga Pemberdayaan dan Pengembangan Sumberdaya (LP2S)	Tondano Barat	Pengembangan Hutan Rakyat Secara Terpadu di DAS Tondano	To have a well sustain Tondano watershed that support the life of the communities that are dependant of the watershed, through the motivation and facilitation of the community in 4 location within the Tondano watershed to implement social forestry activities.	7; 500 farmers of the 4 villages in the DAS Tondano	\$14,811	WS#2: 50% increase in rehabilitated land	08/21/06 - 06/20/07
30	National	RMI - The Indonesian Institute for Forest and Environment	DAS Deli, North Sumatera and DAS Progo, Central Java and DI.Yogyakarta	Study on Payment for Environ-mental Services (PES) and the Develop-ment of Scheme for DELI and PROGO Water-sheds	To develop a Payment for Environmental Service Scheme for DAS Deli in North Sumatera and DAS Progo in Central Java/DI.Yogyakarta including its supporting PES Council.	The identified "buyers" and "providers"	\$24,361	WS #1: The formation of 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; WS#3: Area of forests with high biodiversity conservation value under improved local management increases by 50%	08/31/06 – 11/30/06



## APPENDIX E: SUMMARY OF ACHIEVEMENTS

- Appendix E1: Annual Summary of Achievement of Collaborative Program (Cross Cutting Theme/Integration #0.1.)
- Appendix E2a: Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.1.) - Campaign by ESP
- Appendix E2b: Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.2.) - Campaign by ESP Partners
- Appendix E2c: Annual Summary of Achievement of Public Outreach and Communication (Cross Cutting Theme/Integration #0.b-3.) - Campaign Materials Developed and Produced
- Appendix E2d: Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage
- Appendix E3: Annual Summary of Achievement of People Participated in ESP Trainings and Workshops (Cross Cutting Theme/Integration #0.c.)
- Appendix E4: Annual Summary of the Policy Development Recognizing Land Tenure and Community Rights Access to Their Forests and Watershed Area (WS Outcome #1.a.)
- Appendix E5: Annual Summary of Achievement of Increasing of Rehabilitated Land to Improve Watershed Function for Water Supply (WS Outcome #1.b.)
- Appendix E6: Annual Summary of Achievement of Biodiversity Value under Improved and Local Management (WS Outcome #1.c.)
- Appendix E7: Annual Summary of Achievement of People Benefiting from Community-based Coastal Rehabilitation Activities in Tsunami Impacted Area in Aceh (WS Outcome #1.d.)
- Appendix E8: Annual Summary of Achievement by Province on the Development of WSM Plan (WS Outcome #1.e.)
- Appendix E9: Annual Summary of Achievement of Number of Community Groups Implement Improved Natural Resource Management (WS Outcome #1.f.)
- Appendix E10: Annual Summary of Achievement of PDAM Management Index Score (SD Outcome #2.a.)
- Appendix E11: Annual Summary of Achievement of People Access to Clean Water (SD Outcome #2.b.)
- Appendix E12: Annual Summary of Details Scoring of Development of District/Municipal Sanitation Strategies with Action Plan (SD Outcome #2.c.)
- Appendix E13: Annual Summary of Development of Community-based Solid Waste Management System/SWMS (SD Outcome #2.d.)
- Appendix E14: Annual Summary of Development of Small Scale Sanitation System/SSSS (SD Outcome #2.e.)
- Appendix E15: Annual Summary of Achievement of Number of People Trained in Effective Hand Washing with Soap (SD Outcome #2.f.-c)
- Appendix E16a: Annual Summary of Achievement of PDAM Demonstrate An Improved Operating Ratio (FN Outcome #3.a.1.)
- Appendix E16b: Annual Summary of PDAM Showing An Improved Operation Ratio and Submit Debt Restructuring (FN Outcome #3.a.2.)
- Appendix E17: Annual Summary of Achievement on Improved Domestic Investment and Borrowing Environment (FN Outcome #3.b.)
- Appendix E18: Annual Summary of PDAM Develop Plans to Access Commercial Financing (FN Outcome #3.c.)
- Appendix E19: Annual Summary of Achievement on Bond Issuance (FN Outcome #3.d.)
- Appendix E20: Annual Summary of Development of Micro Credit Scheme to Support People Get Access to Clean Water (FN Outcome #3.e.)
- Appendix E21: Annual Summary of Achievement on Payment for Environmental Services (FN Outcome #3.f.)
- Appendix E22: Annual Summary of Achievement of Leveraging Other Funding to Support ESP Program (FN Outcome #3.g.)



## APPENDIX E: SUMMARY OF ACHIEVEMENTS

### Environmental Services Program

#### Annual Summary of Achievement of Collaborative Program (Cross Cutting Theme/Integration #0.1.)

Status: September 2007

Quarter	# of PPP	Program Name	Partner Organization	Location	Description
First Quarter (Oct 06 - Dec 06)	1	Development of materials for well assessment projects for SPD/DAI in Aceh Besar and Banda Aceh	ESP, SPD/DAI	NAD	ESP provide technical support on the design of the development of materials for well assessment projects in Aceh Besar and Banda Aceh
<b>Sub-total collaborative program during in the First Quarter of FY 2007</b>				<b>1</b>	
Second Quarter (Jan - Mar 07)	1	Gerakan Cinta Lingkungan dan Hidup Sehat	ESP, DBE-2, HSP	NAD	Promote better hygiene practices in the schools with the students and teachers
	2	Technical Assistance for rehabilitation of health facilities in Aceh Barat, Aceh Jaya and Aceh Besar	HSP	NAD	Assistance in the assessment and design for rehabilitation of water and sanitation systems in 9 health facilities.
	3	Student Workshop: Gerakan Cinta Lingkungan dan Hidup Sehat	ESP, DBE-2, HSP	NAD	Promote better hygiene practices in the schools with the students and teachers
	4	Preparation of provincial map detailing proposed sites of DBE I	DBE I	NAD	Detailed map prepared for DBE I of proposed activity sites to aid in final selection of sites.
	5	Campaign "Clean River, Healthy Life"	ESP, SWS, HSP and FSN Partner	DKI Jakarta	Support community initiative for a two-week Clean River Program followed by declaration of Joint Commitment for Health and Hygiene Behavior as part of a bigger event of MCK groundbreaking
	6	Workshop on Puskesmas Facility Assessment for Water and Sanitation Infrastructure - Dissemination of Assessment Results	ESP, SWS and HSP	DKI Jakarta	Disseminate results of Puskesmas Facility Assessment for health, water and safe water facilities and plan for potential future collaboration specifically on water, sanitation and hygiene improvement
	7	Assessment of School Water and Sanitation Facility	ESP and OVC Partner	DKI Jakarta	Support USAID's Opportunities for Vulnerable Children (OVC) implementing organization, Helen Keller International for a water and sanitation facility assessment for five model schools of HKI in five districts of DKI Jakarta
	8	Training Operational and Maintenance MCK Community Based Sanitation System	ESP and FSN Partner	North Sumatra	The training was conducted in Kampung Baru Village. Beside collaborate with FSN Partner, ESP also collaborated with JKM.
	9	Development of Clean and Green School in Jogonalan - Klaten	ESP, DBE-I and SWS	Central Java	In this quarter, ESP through this collaboration conduct corner discussion to develop the clean and green concept at school in Jogonalan - Klaten
<b>Sub-total collaborative program during in the Second Quarter of FY 2007</b>				<b>9</b>	
Third Quarter (Apr - Jun 07)	1	National Campaign on Handwashing with Soap	HSP, SWS, DBE-1, CBAIC, Food and Nutrition Partners, LGSP	Jakarta, Medan, Bandung, Surabaya	USAID's partners were participated actively in the event especially in the activities of exhibition, fun corner, leveraging and committee members of the event.
	2	INDOWATER Exhibition and Conference in Jakarta Convention Centre	SWS, Eco-Asia	Jakarta	Eco-Asia contributed fund for the event as well as actively participate as the organizers of the exhibition and conference. SWS was also kept organizer of the event
	3	Water for poor Exchange visit 3 PDAM	Eco-Asia	Medan - North Sumatra	Eco-Asia contribute fund and active participation in the exchange visit
	4	ToT Operational and Maintenance MCK Community Based Sanitation System II	FSN Partners in Medan (Save the Children)	Medan - North Sumatra	Save the Children - Medan provided technical support for the ToT
	5	Survey/Collecting data for utilization on clean water & sanitation facilities in RW. 04 Kelurahan Jembatan Besi Kecamatan Tambora, Jakarta Barat/ Data Collecting	FSN Partners in Jakarta (Mercy Corp)	Jakarta	Mercy Corp provided technical support for this activity
<b>Sub-total collaborative program during in the Third Quarter of FY 2007</b>				<b>5</b>	
Fourth Quarter (Jul - Sep 07)	1	Healthy Walkathon - Health and Hygiene Campaign	HSP, SWS, FSN	RW 08 Petojo Utara	All USAID's partners promoted hand washing with soap in the event and also shared cost for the implementation of the event.
	2	MCK++ Inauguration by Governor DKI Jakarta	HSP, SWS, FSN	RW 08 Petojo Utara	All USAID's partners shared cost for the implementation of the event. Especially for ESP and FSN Partner (Mercy Corps) shared cost for media activities of the event.
<b>Sub-total collaborative program during in the Fourth Quarter of FY 2007</b>				<b>2</b>	
<b>Total Collaborative Program with Other USAID's Program up to Third Quarter of FY 2007</b>				<b>17</b>	
<b>Total Program collaboration activities with Other USAID's Program in FY 2005 and 2006</b>				<b>29</b>	
<b>To date achievement of total collaborative program with Other USAID's Program</b>				<b>46</b>	
<b>Target of the collaborative program with other USAID's Program over the life of project</b>				<b>10</b>	
<b>Percentage of to date achievement of total collaborative program with Other USAID's Program</b>				<b>460.00%</b>	

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**Environmental Services Program**

**Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.1.) - Campaign by ESP**

Status: September 2007

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

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**Environmental Services Program**

**Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.1.) - Campaign by ESP (cont')**

Status: September 2007

Quarter	# of Campaign	Campaign Name	Type of Campaign Activities	Campaign Activities	Location
Third Quarter (Apr - Jun 07)	1	National Campaign Event on Handwashing with Soap	Communication Event and media campaign	Launching the national campaign on handwashing with soap and conduct press conference in 4 cities (Jakarta, Medan, Bandung and Surabaya)	DKI Jakarta, North Sumatra, West Java and East Java
	2	Socialization of Municipal Bond Policy to Local Government	Conference	ESP support MOF for Ministerial Regulation No. 147/2006 on Municipal Bond as well as the accompanying Standard Operation Procedures	DKI Jakarta
	3	Indowater Exhibition and Conference	Conference	Two days event in Jakarta Convention Center (JCC) on 20-22 June 2006. ESP in collaboration with Eco-ASIA and SWS, conducted exhibition and conference on Alternative Financing for Water Sector	DKI Jakarta
	<b>Sub Total of Campaign Activities by ESP during Third Quarter</b>				<b>3</b>
Fourth Quarter (Jul - Sept 07)	1	MMC # 8: Change our behavior for the safe of Indonesian children	Media Relation	12 road shows to media and relevant stakeholders and 4 Media Visits	North Sumatra, DKI Jakarta, West Java, Central Java, East Java
			Communication Event	5 media gathering	
			Media Campaign	16 radio Talk Shows, 3 advetorial, 7 column by experts / activists	
	2	The Earth Day 2007 Celebration	Communication event	Earth Day commemoration with Bupati of Cianjur	West Java
			Media visit and live report for 280 students from 30 senior high schools in Tahura Bukit Barisan	North Sumatra	
3	The Environmental Day 2007 Celebration	Communication event	Live report for various events: planting tree, public discussion, and movie	Nort Sumatra	
Fourth Quarter (Jul - Sept 07) - cont'	4	MMC # 9: Water for the Poor	Media Relation	2 road shows to media and relevant stakeholders, and 6 Media Visits	North Sumatra, DKI Jakarta, West Java, Central Java, East Java
			Communication Event	1 Seminar, 2 media discussion, 1 workshop for expert, 1 Field Trip for radio audiences	
			Media Campaign	8 Radio Talk Shows, 3 TV Talk Show and 2 colums by experts / activities	
	5	Campaign support for SD issues: PDAM awareness exposes	Media Relation	Discussion, media visit	North Sumatra
	6	Campaign support for SD issues: Expose for Petojo MCK ++	Communication Event	Press Conference, Media Visit and Live interview	DKI Jakarta
	7	Campaign support for SD issues: Healty Walkathon	Communication Event	Health and Hgyiene Festival	DKI Jakarta
	8	Campaign support for WSM and SD issues in Cianjur: "Ayo Sayangi Lingkungan"	Communication Event	Students gathering, field trip, environmental discussion, water testing and media visit / live report	West Java
	9	Campaign Support for WSM issues: "Studi Ekologi"	Communication Event	Workshop konsep sosial TAHURA	East Java
			Media Campaign	3 Radio Talk Shows, 1 TV Talk Show	
	10	Campaign Support for SD issues: "Socialisation Micro-Credit for Water"	Communication Event	Media gathering, media visit	
			Media Relation	Live report and interviews	
	11	Campaign support SD issues: Cinta Air	Communication Event	Community gathering, interview and media visit	DKI Jakarta
	12	Campaign support PM issues: PPP - Public Private Partnership	Communication Event	Road shows and workshop	East Java
13	Campaign support for H&H and CB-Watsan: Health Festival	Communication Event	Event, media visit and live report	West Java	
<b>Sub Total of Campaign Activities by ESP during Fourth Quarter</b>				<b>13</b>	
<b>Total Campaign Activities by ESP up to end of FY 2007</b>					<b>28</b>
<b>Total Campaign Activities by ESP in Year 2006 and 2005</b>					<b>28</b>
<b>To date achievement of the Campaign Activities by ESP</b>					<b>56</b>
<b>Total target on the Campaign activities conducted by ESP</b>					<b>80</b>
<b>To date percentage of achievement of the Campaign Activities by ESP</b>					<b>70.00%</b>

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**Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.2.) - Campaign by ESP Partners**

Status: September 2007

Quarter	# of Campaign	Campaign Name	Type of Campaign Activities	Location	Partner's Name
First Quarter (Oct 06 - Dec 06)	1	Biodiversity Campaign for School Children in City of Medan, Conducted by Bapedalda of North Sumatra	Media Campaign	North Sumatra	Bapedalda of North Sumatra Province
	2	Awareness campaign on water spring crisis, Conducted by Banyubening - Bumiayu Community Group	Advocacy Event	Kajoran Sub-district, Magelang District of Central Java	Banyubening - Bumiayu Community Groups
	3	Water and Health Campaign for Street Children, Conducted by Humana Yogyakarta	Advocacy Event	Yogyakarta	Humana Yogyakarta
<b>Sub Total of Campaign Activities by ESP Partners during First Quarter</b>					<b>3</b>
Second Quarter (Jan - Mar 07)	1	Workshop Water Quality Monitoring: Implementation for 6 location in Cikapundung	Communication Event	West Java	Kelompok Kerja Komunikasi Air, Kota Bandung dan WPL Kab. Bandung
<b>Sub Total of Campaign Activities by ESP Partners during Second Quarter</b>					<b>1</b>
Third Quarter (Apr - Jun 07)	No Campaign activities conducted by partners during in this Quarter				
<b>Sub Total of Campaign Activities by ESP Partners during Third Quarter</b>					<b>0</b>
Fourth Quarter (Jul - Sept 07)	1	Hari Anak Dunia 2007 commemoration: Anak dan masa depan lingkungan	Communication Event	Central Java	Sekretariat Bersama Pencinta Alam Yogyakarta
	2	Yogya Conservation Course	Advocacy Event	Central Java	Sekber Perhimpunan Pecinta Alam DIY
Fourth Quarter (Jul - Sept 07) - cont'	3	Studi ekologi for students	Communication Event	North Sumatra	Source of Indonesia with SMA Metodis II, Medan
	4	Public Discussion for Documentary Film Tahura	Advocacy Event	North Sumatra	Source of Indonesia, Medan
	5	Hand Washing with Soap Campaign	Communication Event	Central Java	UNICEF and local government
	6	Format Lintang Campaigns for Sigetuk, Bumiayu and Manoreh	Communication Event	Central Java	Sekber Perhimpunan Pecinta Alam DIY
	7	Uji kualitas air	Communication Event	East Java	Dinas kesehatan dan Jurnalis Malang desk Kesehatan
	8	National Breaking Record (by MURI),	Communication Event	East Java	Nuvo and local governments
	9	Cikapundung Bersih campaign (support SD)	Communication Event	West Java	Pemda Kota Bandung, KujBS
	10	Hand Washing with Soap Campaign	Communication Event	NAD	UNICEF and local government
<b>Sub Total of Campaign Activities by ESP Partners during Fourth Quarter</b>					<b>10</b>
<b>Total Campaign Conducted by ESP Partners up to end of FY 2007</b>					<b>14</b>
<b>Total Campaign Conducted by ESP Partners in Year 2005 and 2006</b>					<b>17</b>
<b>To date achievement of the total Campaign Conducted by ESP Partners</b>					<b>31</b>
<b>Total Target of the total Campaign Conducted by ESP Partners</b>					<b>40</b>
<b>To date achievement of the total Campaign Conducted by ESP Partners</b>					<b>77.50%</b>

**Annual Summary of Achievement of Public Outreach and Communication (Cross Cutting Theme/Integration #0.b-3.) - Campaign Materials Developed and Produced**

**Status: September 2007**

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

**Annual Summary of Achievement of Public Outreach and Communication (Cross Cutting Theme/Integration #0.b-3.) - Campaign Materials Developed and Produced (Con't)**

**Status: September 2007**

Quarter	Type of Campaign	Location	Materials Produced
Third Quarter (Apr - Jun 07)	National Campaign in Handwashing with soap	DKI Jakarta, North Sumatra, West Java and East Java	Field guide for training at school level (50), Poster 5/3 (100), Banner (100), sticker (500), brochure (2500), Phamflet (10,000), T-shirt for students, mothers and teachers (10,000), Snake and Ladder Game (10 big size and 40 small size)
	Socialization of Municipal Bond Policy to Local Government	DKI Jakarta	Fact sheet (3)
	Indowater Exhibition and Conference	DKI Jakarta	Backgrounder (1), Press release (1), Fact sheet (5), pin (1)
<b>Sub Total of Sets of Campaign Materials Developed during Third Quarter</b>			<b>3</b>
Fourth Quarter (Jul - Sept 07)	MMC # 8 : Change our behavior for the sake Indonesian children	North Sumatra, DKI Jakarta, West Java, Central Java, East Java	Press background, Fact sheet (7), column writing (1)
	MMC # 8 : Clean Water for the Poor	North Sumatra, DKI Jakarta, West Java, Central Java, East Java	Press background (3), hand out (5), Fact sheet (7), column writing (7), Poster (5), stiker (1), t-shirt (3), documentary film (1)
	Campaign support for SD issues (Petojo MCK ++)	DKI Jakarta	Poster (1)
	Campaign support for SD issues (Healty Walkathon)	DKI Jakarta	Stiker (1)
	Campaign support SD issues: Part of Cinta Air	Communication Event	Poster (1)
<b>Sub Total of Sets of Campaign Materials Developed during Forth Quarter</b>			<b>5</b>
<b>Total Sets of Campaign Materials Developed up to end of FY 2007</b>			<b>15</b>
<b>Total Sets of Campaign Materials Developed up to End of Year 2006</b>			<b>28</b>
<b>To date achievement of the total Sets of Campaign Materials Developed (up to FY 2007)</b>			<b>43</b>
<b>Total target on the campaign materials developed over the life of the project</b>			<b>80</b>
<b>Percentage of to date achievement of the campaign materials developed</b>			<b>53.75%</b>

**Environmental Services Program**

**Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage**

Status: September 2007

Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign
First Quarter (Oct 06 - Dec 06)	North Sumatra	Newspaper	Sumut Post	5	6,000	30,000
			Medan Bisnis	1	17,000	17,000
			Analisa	2	211,000	422,000
			Kompas	1	29,000	29,000
			Seputar Indonesia	1	N/A	-
		Radio	Smart FM	3	N/A	-
	DKI Jakarta	Newspaper	Jurnal Nasional	3	N/A	-
			Republika	4	321,000	1,284,000
			Kompas	3	1,721,000	5,163,000
			Media Indonesia	3	611,000	1,833,000
			The Point	1	N/A	-
			Suara Karya	1	N/A	-
			The Jakarta Post	3	N/A	-
			Warta Kota	1	N/A	-
			Koran Tempo	1	N/A	-
			Radar Bogor	1	N/A	-
		TV	Trans TV	1	98,093,288	98,093,288
			Jak TV	1	N/A	-
			TPI	1	106,176,000	106,176,000
		Radio	Voice of America	3	N/A	-
			KBR 68 H	1	N/A	-
	Delta FM		1	N/A	-	
	West Java	Newspaper	Seputar Indonesia	1	N/A	-
			Pikiran Rakyat	8	468,000	3,744,000
			Kompas	14	85,000	1,190,000
			Galamedia	4	N/A	-
			Media Indonesia	1	6,000	6,000
		Radio	Mara FM	1	N/A	-
			Shaf FM	1	N/A	-
			Walagri FM	2	N/A	-
			Sonata AM	1	N/A	-
			RRI Pro I FM	1	N/A	-
	TV	Bandung TV	5	N/A	-	
Central Java/Yogyakarta	Newspaper	Kedaulatan Rakyat	5	N/A	-	
		Radar Yogya	2	N/A	-	
		Kompas	3	42,000	126,000	
		The Jakarta Post	1	N/A	-	
		Bernas	4	N/A	-	
		Suara Merdeka	4	291,000	1,164,000	
	TV	Yogya TV	1	N/A	-	
		Lativi	1	62,227,200	62,227,200	
East Java	Newspaper	Jawa Pos	1	1,224,000	1,224,000	
		Surabaya Pagi	1	N/A	-	
		Surabaya Post	1	7,000,000	7,000,000	
		Surya	2	185,000	370,000	
		Duta Masyarakat	1	N/A	-	
		Kompas	2	63,000	126,000	
		Radar Malang	2	N/A	-	

**Environmental Services Program**

**Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage (Cont')**

Status: September 2007

Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign	
First Quarter (Oct 06 - Dec 06) - cont'	East Java - cont'	TV	SCTV	1	106,268,184	106,268,184	
			A TV	1	N/A	-	
			Malang TV	1	N/A	-	
			Mahameru TV	2	N/A	-	
		On-line	<a href="http://www.beritajatim.com">www.beritajatim.com</a>	1	N/A	-	
		Radio	Citra Pro 3 FM	1	N/A	-	
<b>Sub Total of Media Coverage during First Quarter</b>				<b>121</b>	<b>People Reached by Media</b>	<b>396,492,672</b>	
Second Quarter (Jan - Mar 07)	North Sumatra	Electronic	Radio Prapanca FM	2	N/A	0	
			Newspaper	Analisa	10	211,000	2,110,000
			Medan Bisnis	6	17,000	102,000	
			Kompas	4	29,000	116,000	
			Waspada	11	157,000	1,727,000	
			Sumut Pos/JPNN	2	6,000	12,000	
			Pos Metro Medan	1	284,000	284,000	
			Harian Berita Sore	1	N/A	0	
			Seputar Indonesia	1	110,000	110,000	
		Online	AMPL.or.id	1	N/A	0	
			Pemprosu.go.id	1	N/A	0	
			Medan Bisnis Online	1	N/A	0	
		DKI Jakarta	Newspaper	Kompas	1	1,973,000	1,973,000
	The Jakarta Post			1	N/A	0	
	Tempo			1	N/A	0	
	Media Indonesia			1	611,000	611,000	
	Magazine		Percik	1	N/A	0	
			Air Minum	1	N/A	0	
	TV		Trans TV	1	98,093,288	98,093,288	
			Metro TV	1	97,223,916	97,223,916	
			Jak TV	1	N/A	0	
	Radio		Elshinta FM	1	1,518,000	1,518,000	
			KBR 68 H	1	N/A	0	
	DKI Jakarta - cont'		Online	Detik.com	2	N/A	0
				Kompas.co.id	1	N/A	0
		AMPL.or.id		1	N/A	0	
		Tempo Interactive		2	N/A	0	
	West Java	Newspaper	Pikiran Rakyat	12	468,000	5,616,000	
			Sindo	3	N/A	0	
			Galamedia	3	101,000	303,000	
Republika			5	12,000	60,000		
Bisnis Indonesia			1	N/A	0		
Kompas			5	85,000	425,000		
West Java	Newspaper	Tadjuk	1	2,000	2,000		
		Tribun Jabar	3	N/A	0		
		Radar Bogor	6	297,000	1,782,000		
	Tabloid	Galura	2	2,000	4,000		

Environmental Services Program

Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage (Cont')

Status: September 2007

Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign
Second Quarter (Jan - Mar 07) - cont'	West Java -cont'	Electronic	Metro TV	1	97,223,916	97,223,916
			Pasundan FM	4	N/A	0
			Elshinta FM	2	N/A	0
			Chandra FM	3	N/A	0
			Walagri 93,3 FM	2	N/A	0
			Shaf AM	1	N/A	0
			Bandung TV	1	N/A	0
			MQ TV	1	N/A	0
			STV	1	N/A	0
			RSDP FM	1	N/A	0
			Plus Bio FM	1	N/A	0
	Nurani FM	1	N/A	0		
	Central Java/Yogyakarta	Newspaper	Suara Merdeka	5	291,000	1,455,000
			Bernas	5	N/A	0
			Kedaulatan Rakyat	11	N/A	0
			Radar Yogya	3	N/A	0
			Kompas	1	42,000	42,000
			The Jakarta Post	1	N/A	0
	Central Java/Yogyakarta - cont'	Online	Kompas Online	1	N/A	0
			Jawa Pos Online	1	N/A	0
		Electronic	Yogya TV	2	N/A	0
			TVRI Yogyakarta	1	N/A	0
			Sonora FM	4	N/A	0
			Female Radio	1	N/A	0
	East Java	Newspaper	Jawa Pos	5	1,224,000	6,120,000
			Kompas	5	63,000	315,000
			Harian Surya	1	185,000	185,000
		Electronic	Malang News Channel	4	N/A	0
			AN TV	1	91,028,857	91,028,857
A TV (TV local)			1	N/A	0	
<b>Sub Total of Media Coverage during Second Quarter</b>				<b>171</b>	<b>People Reached by Media</b>	<b>408,441,977</b>
Third Quarter (Apr - Jun 07)	West Java	Newspaper	Investor Daily	1	lihat di media scene	lihat di media scene
			Galamedia	1	115,000	115,000
			Radar Bandung	1	N/A	-
			Kompas	1	87,000	87,000
			Koran Sunda	1	N/A	-
			Seputar Indonesia	2	N/A	-
			Pikiran Rakyat	1	417,000	417,000
			Media Indonesia	1	6,000	6,000
			Pos Kota	1	N/A	-
			Suara Merdeka	1	291,000	291,000
		On-line	Pikiran Rakyat	1	N/A	-
		Electronic	Dahlia FM	102	350,000	35,700,000
			Delta FM	41	N/A	-
Female	44		N/A	-		

Environmental Services Program

Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage (Cont')

Status: September 2007

Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign
Third Quarter (Apr - Jun 07) - cont	East Java	PSA	Surya	2	151,000	302,000
			Kompas Jatim	2	98,000	196,000
		Newspaper	Radar Surabaya	2	70,000	140,000
			Radar Surabaya	5	70,000	350,000
			Sindo	2	N/A	-
			Media Indonesia	1	6,000	6,000
			Jawa Pos	2	1,363,000	2,726,000
			Surya	5	185,000	925,000
			Radar Metro	2	N/A	-
			On-line	Pikiran Rakyat	1	N/A
	Electronic	Dahlia FM	102	350,000	35,700,000	
		Delta FM	41	N/A	-	
		Female	44	N/A	-	
	DKI Jakarta	Newspaper	Kompas	4	1,973,000	7,892,000
			Media Indonesia	6	6,000	36,000
			Seputar Indonesia	3	N/A	-
			The Jakarta Post	6	N/A	-
			Sinar Harapan	1	N/A	-
			Pos kota	1	N/A	-
			Rakyat Merdeka	1	N/A	-
		Indo Pos	1	N/A	-	
		On-line	Kompas on-line	1	N/A	-
			The Jakarta Post.com	1	N/A	-
			MetroTVNews.com	1	N/A	-
			Oke Zone	2	N/A	-
			BKKBN Berita	1	N/A	-
			Elshinta.com	1	N/A	-
		Electronic	RRI Pro 2 FM Jkt	98	N/A	-
			RRI Pro 1 FM Jkt	86	N/A	-
			RRI Pro 3 FM Jkt	85	N/A	-
			Delta FM	41	N/A	-
FeMale FM	44		N/A	-		
Bahana FM	40		N/A	-		
Central Java/Yogyakarta	Newspaper		2	N/A	-	
		Kedaulatan Rakyat				
NAD		Media Indonesia	1	6,000	6,000	
North Sumatra	Newspaper	Media Indonesia	1	6,000	6,000	
		Kompas	1	29,000	29,000	
	On-line	Sinar Indonesia Baru	1	N/A	-	
		Medan Bisnis	1	N/A	-	
		Seputar Indonesia Com	1	N/A	-	
		Rakyat Bengkulu Online	1	N/A	-	
	Electronic	Radio Kardopa	144	123,000	17,712,000	
		Sonya FM	118	N/A	-	
		Delta FM	41	N/A	-	
<b>Sub Total of Media Coverage during Third Quarter</b>				<b>1146</b>	<b>People Reached by Media</b>	<b>102,642,000</b>

Environmental Services Program

Annual Summary of Achievement of Public Outreach and communication (Cross Cutting Theme/Integration - Deliverable 0.b.4.) - Media Coverage (Cont')

Status: September 2007

Quarter	Province	Type of Media	Name of Media	Number of Publication	Rating	People Reached by Media Campaign
Fourth Quarter (Jul - Sept 07)	North Sumatra	Newspaper	Analisa	3	211,000	633,000
			Medan Bisnis	1	17,000	17,000
			Kompas	1	29,000	29,000
			Waspada	1	157,000	157,000
			Pos Metro Medan	2	284,000	568,000
			Harian Berita Sore	1	N/A	-
		Newspaper	Kompas		1,973,000	-
			The Jakarta Post		N/A	-
			Tempo		N/A	-
			Media Indonesia		611,000	-
	DKI Jakarta	Magazine	Percik		N/A	-
			Air Minum		N/A	-
		TV	Trans TV	1	98,093,288	98,093,288
			Metro TV	1	97,223,916	97,223,916
			Jak TV		N/A	-
		Radio	Elshinta FM		1,518,000	-
			KBR 68 H		N/A	-
		Online	Detik.com		N/A	-
			Kompas.co.id		N/A	-
			AMPL.or.id		N/A	-
		Tempo Interactive		N/A	-	
	West Java	Magazine	Pesona Keluarga	1	N/A	-
		Newspaper	Pikiran Rakyat	9	468,000	4,212,000
			Galamedia	2	101,000	202,000
			Republika	2	12,000	24,000
			Kompas	4	85,000	340,000
		Newspaper	Tadjud	3	2,000	6,000
			Tribun Jabar	1	N/A	-
		Tabloid	Galura	4	2,000	8,000
			Pasundan FM	1	N/A	-
			Elshinta FM	2	N/A	-
			Chandra FM	2	N/A	-
		Walagri 93,3 FM	4	N/A	-	
Central Java/Yogyakarta		Newspaper	Suara Merdeka	2	291,000	582,000
			Bernas	1	N/A	-
	Kedaulatan Rakyat		3	N/A	-	
	Radars Yogya		5	N/A	-	
	Kompas		1	42,000	42,000	
	The Jakarta Post		1	N/A	-	
East Java	Newspaper	Jawa Pos	14	1,224,000	17,136,000	
		Kompas	5	63,000	315,000	
		Harian Surya	11	185,000	2,035,000	
	Electronic	Malang News Channel		N/A	-	
		AN TV		91,028,857	-	
		A TV (TV local)	3	N/A	-	
<b>Sub Total of Media Coverage during Fourth Quarter</b>					<b>People Reached by Media</b>	<b>221,623,204</b>
<b>Total Media Coverage up to end of FY 2007</b>						<b>1,129,199,853</b>
<b>Total Media Coverage up to End of Year of 2006</b>						<b>0</b>
<b>To date achievement of the total People Reached by Media Campaign</b>						<b>1,129,199,853</b>

**Annual Summary of Achievement of People Participated in ESP Trainings and Workshops (Cross Cutting Theme/Integration #0.c.)**

**Status: September 2007**

Quarter	Total People Trained	Women Participation (%)	Budget Spent for Training Activities
First Quarter (Oct 06 - Dec 06)	2256	19.99	24,401.08
Second Quarter (Jan - Mar 07)	5092	33.6	87,294.59
Third Quarter (Apr - June 2007)	4258	35.82	87,189.58
Forth Quarter (Jul - Sep 2007)	7184	74.14	142,430.48
<b>Total</b>	<b>18790</b>		<b>341,315.73</b>
<b>Average of Women Participated in the Trainings and Workshops</b>		<b>54.52</b>	
<b>Total People Trained in the ESP training, workshops and seminars in Year 2005 and 2006</b>			<b>11,005</b>
<b>Average of women participated in the trainings and workshop in Year 2005 and 2006</b>			<b>27.095</b>
<b>Total Budget Spent for the training and workshop activities in Year 2005 and 2006</b>			<b>564,894.45</b>
<b>To date Achievement of Total People Trained in the ESP training, workshops and seminars during FY 2007</b>			<b>29,795</b>
<b>To date Achievement of Average of women participated in the trainings and workshop during FY 2007</b>			<b>40.81</b>
<b>To date of Total Budget Spent for the training and workshop activities during FY 2007</b>			<b>906,210.18</b>
<b>Total Target of People Trained in the ESP training, workshop and seminars over the life of the project</b>			<b>12,000</b>
<b>Percentage of to date Achievement of Total People Trained in the ESP training, workshops and seminars</b>			<b>248.29%</b>

Environmental Services Program

Annual Summary of the Policy Development Recognizing Land Tenure and Community Rights Access to Their Forests and Watershed Area (WS Outcome #1.a.)

Status: September 2007

No	Province	Title of New Local policy	Subject of New Local policy	Development Score (%)										Remarks	
				Mar-05	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	Mar-08	Sep-08	Mar-09	Sep-07		
1	NAD/Krueng Aceh-Krueng Jreue (Aceh Besar)	Qanun Gampong (village regulation) Jruiek Balee No.1/JB/2007	land tenure and access rights to manage watershed area	0	0	0	0	100							Completed, have been signed on 12 March 07
2	NAD/Krueng Aceh-Krueng Inong (Aceh Besar)	Qanun Gampong (village regulation) Jantho Lama No.1/JTK/AB/2007	land tenure and access rights to manage watershed area	0	0	0	0	0	100						Completed, have been signed on 4 September 2007
3	NAD/Krueng Aceh-Krueng Jruie (Aceh Besar)	Qanun Gampong (village regulation) Jruiek Bak Kreh No.1/JBK/2007	Land tenure and access to manage watershed area	0	0	0	0	0	100						Completed, have been signed on 4 September 2007
4	NAD/Sabee Geupue - Mikro DAS Krueng Sabee (Aceh Jaya)	Agreement on new community protected area "KALIMAT" by 8 villages of FPKL (Forum Peduli Krueng Lageun) members	Land tenure and access to manage KALIMAT (Kawasan Perlindungan Mata Air Krueng Terbang) watershed area	0	0	0	0	0	100						Completed, have been signed on 22 August 2007
5	North Sumatra/Sei Wampu	MOU among community group, ESP and Ditjen PHKA	Increase community access to the management of wildlife sanctuary Langkat Timur Laut	5	27	41	60	65	82						
6	North Sumatra/Tahura	Provincial Regulation (Perda) on development of Tahura management	Increase the capacity management with involvement of local community	9	23	32	45	45	46						
7	North Sumatra/Lau Biang	Village regulation (Perdes) in 7 villages in adjacent of Tahura Bukit Barisan	Land tenure and involvement of local community in protecting forest	0	0	7	25	25	35						
8	North Sumatra/Lau Petani	Village regulation (Perdes) in 12 villages of Sub-DAS Lau Petani	land tenure for promoting biodiversity conservation	5	27	41	69	69	69						
9	North Sumatra/Lau Petani	MOU among local NGO's, ESP and BKSDA SU I	Increase community and local NGO's access to the management of Nature Reserve and Recreation Forest Park Sibolangit	0	0	0	0	51	71						
10	West Java/Cilamaya	District Regulation No. 2 Tahun 2006	Development of DAS Committee in Subang District	20	55	80	80	100							Completed and have been signed on 7 February 2006
11	West Java/Cikundul	Peraturan Desa Kebon Peuteuy, Kecamatan Gekbrong, Kabupaten Cianjur Nomor: 02/05/PM/III/Tahun 2007	Development of conservation model village of buffer area in the conservation area of Nasional Park of Gunung Gede Pangrango	0	0	0	0	100							Completed and have been signed on 12 March 2007
12		MOU among Mekartani community groups and land owner (Mrs. Tuti Haryani) in Cikujang Block of Sukaresmi villages of Cianjur District	Managing of degraded land owned by big land holder by the community group to reduce the land degradation	10	35	40	40	85	100						Completed and have been signed on 27 May 2007
13		Collaborative Agreement between head of village of Cikanyere with Mr. Marwi (farmers) on Land Rehabilitation (RHLP)	Managing the degraded land in the village under the implementation of the RHLP Program	10	35	40	40	85	100						Completed and have been signed on 6 December 2006
14		Kesepakatan Pengelolaan Lahan (Kespela) antara Desa Cibodas, Kecamatan Pacet, Kabupaten Cianjur dengan Kelompok Tani Giri Winaya (A and B)	Right of Tani Giri Winaya Community Group A to manage the degraded land in Cibodas Village, Pacet Sub-district	0	0	0	0	0	100						Completed and have been signed on 5 February 2007
15		Kerjasama kemitraan antara Balai Taman Nasional Gunung Gede Pangrango dengan Forum Peduli Air TNGP	Using the water environmentment services by the water users' in the area of National Park of Gunung Gede Pangrango	0	0	0	0	0	100						Completed and have been signed on 16 July 2007
16		Kesepakatan Pengelolaan Lahan (Kespela) Tanah Guna Garapan Blok Lebat Saat Kampung Barulega, Desa Cirumput, Kecamatan Cugenang dengan Kelompok Tani Sekarwangi A, B, C, D	Right of Sekar Wangi Community Group A to manage the degraded land in Blok Lebat Saat of Barulega Kampong, Cirumput Village, Cugenang Sub-district	0	0	0	0	0	100						Completed and have been signed in 26 February 2007
17		Keputusan Kepala Desa Sukaresmi, Kecamatan Sukaresmi Nomor: 522.4/Kep.01-RHLP/2007	Decesion on the Location of RHLP Program in Sukaresmi Village of Cianjur District	10	35	40	40	85	100						Completed and have been signed in 29 December 2006
											<b>Total local policy developed up to end of FY 2007</b>	<b>26</b>			
											<b>Total local policy developed in Year 2005 &amp; 2006</b>	<b>0</b>			
											<b>Total target of policy development over the life of the project</b>	<b>5</b>			
											<b>To date percentage of achievement of the policy development</b>	<b>520.00%</b>			

Annual Summary of the Policy Development Recognizing Land Tenure and Community Rights Access to Their Forests and Watershed Area (WS Outcome #1.a.) (cont')  
 Status: September 2007

No	Province	Title of New Local policy	Subject of New Local policy	Development Score (%)										Remarks
				Mar-05	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	Mar-08	Sep-08	Mar-09	Sep-07	
18	West Java/Cikundul (cont')	MOU among Tunas Mekar community groups and land owner (Mr. M. Damin) in Cikanyere Block of Cikanyere villages of Cianjur District	Managing of degraded land owned by big land holder by the community group to reduce the land degradation	10	35	40	40	85	100					Completed and have been signed in 27 May 2007
19		Peraturan Desa Cikanyere, Kecamatan Sukaresmi Nomor: 522.4/Kep.01-RHLP/2006	Decision on the Location of RHL Program in Sukaresmi Village of Cianjur District	10	35	40	40	85	100					Completed and have been signed in 2 November 2007
20		Instruksi Bupati No. 2 Tahun 2006	Launching of "Gerakan Indonesia Menanam"	20	55	80	80	80	100					Completed and have been signed in 25 September 2006
21		Peraturan Desa Sukatani, Kecamatan Pacet, Kabupaten Cianjur Nomor: 05 Tahun 2007	Development of village model for participatory land and forest rehabilitation	0	0	0	0	90	100					Completed and have been signed in 30 March 2007
22	Central Java/Tangsi	Perdes (Village Regulation) on management of forest area for agro and forestry tourism	Conservation Management of forest area in Sambak Village for agro and forestry tourism	Not Applicable			0	100	100					Completed, the regulation have been signed on 31 January 2007
23		Village Regulation (Perdes) of Mangunrejo Village Sustainable Forest Management	Management of forest and environmental resources at Mangunrejo Village	Not Applicable			0	0	100					Completed, the regulation have been signed on 3 August 2007
24		Village Regulation (Perdes) of Sukomakmur Forest Resources Management	Management of forest and environmental resources at Sukomakmur Village	Not Applicable			0	0	100					Completed, the regulation have been signed on 10 August 2007
25		Village Regulation (Perdes) of Krumpakan Village in Managing and Sustaining Village Forest Resources	Management of forest resources at Krumpakan Village, includes spring, wildlife and riverbelt protection	Not Applicable			0	0	100					Completed, the regulation have been signed on 4 August 2007
26		Village Regulation (Perdes) of Sukomulyo Village Authority in Sustaining Function and Benefit of Forest Resources	Management of forest and protected area at Sukomulyo Village, includes spring, wildlife and riverbelt area protection	Not Applicable			0	0	100					Completed, the regulation have been signed on 26 July 2007
27		Village Regulation (Perdes) of Banjaragung Village in Water Management	Management of drinking and irrigation water at Banjaragung Village	Not Applicable			0	0	100					Completed, the regulation have been signed on 17 July 2007
28	Central Java/Tangsi - cont'	Village Regulation (Perdes) of Sukorejo Village in Local Environmental Management	Management of environmental aspects at Sukorejo Village, includes agriculture, forest, spring and housing management	Not Applicable			0	0	100					Completed, the regulation have been signed on 24 July 2007
29	East Java/Sumber Brantas	Village regulation (perdes) supported by Perhutani	Land rehabilitation in Wengkon Forest	8	11	34	42	42	65					
30	East Java/Welang	Village Regulation (Perdes) supported by Perhutani	Management of enclave forest by LMDH	Not Applicable			53	100						Completed, the regulation have been signed on 4 December 2006
31		Village Regulation of Srigading Village Nomor 01/2007	Management and Spatial Plan of Srigading Village of Lawang Sub-district, Malang District	Not Applicable			100							Completed, the regulation have been signed on 10 September 2007
32		Village Regulation of Gumeng Village Nomor 02/2007	Management of spring as water resources of their village	Not Applicable			100							Completed, the regulation have been signed on 12 September 2007

Environmental Services Program

Annual Summary of Achievement of Increasing of Rehabilitated Land to Improve Watershed Function for Water Supply (WS Outcome #1.b.)

Status: September 2007

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

Environmental Services Program

Annual Summary of Achievement of Increasing of Rehabilitated Land to Improve Watershed Function for Water Supply (WS Outcome #1.b.) (cont')

Status: September 2007

Quarter	Region	Sub DAS	District	Rehabilitated Area (hectares)	Remarks
Third Quarter (Apr - Jun 07)	NAD	Krueng Aceh	Aceh Besar	1548	tree planting program has involved 6 community groups of Krueng Aceh Watershed in Aceh Besar. Land rehabilitation program implemented in Suka Damai (Alur Mancang), Kp.Seulimum, Jantho Lama, Wue, Ulee U, Grot Mayang villages.
		Krueng Aceh	Banda Aceh	27	Land rehabilitation conducted in Lamlagang and le Masen Kayee Adang, involved 2 community groups
		Krueng Sabee-Geupue	Aceh Jaya	450	Coastal rehabilitation conducted in Padang, Gunong Meunasah, Paya Laot, Sapek, Pantee Kuyun, Glee Subak, Gampong Baroh (FPKL villages, 4 last villages also including Ulu Masen Area) and involved 7 community groups
		Krueng Sabee-Geupue	Aceh Besar	311	These coastal rehabilitation activities conducted in Nusa and Naga Umbang (Lhoknga), Lam Seunia and Baroh Krueng Kala as well as Glee Bruek (west coast) and involved 5 community groups. In Lam Seunia funded by FAO
	North Sumatra	DAS Deli/Sub-DAS Lau Petani	Deli Serdang	98	Tree Planting with mahoni (2000 trees) in Sikeben, Rumah Sumbul and Buluh Hawar. In collaboration with Konservasi Bodhicitta Mandala (KBM) including private sectors in Medan Industry Areas and 7 Villages (Semangat Gunung, Doulu, Bandar Baru, Rumah Sumbul, Puangaja, Batu Mbelin and Sayum Sabah)
		DAS Deli/Sub-DAS Lau Petani	Karo	50	As part of community action during in the ESP Field School activities in Doulu and Semangat Gunung villages (600 trees, 50 Ha) with the support from danone (private sector)
		DAS Wampu/Wampu	Langkat	383	Tree Planting 6,500 tree in block Collaborative Management in Langkat Timur Laut Wildlife Sanctuary. Tree Planting 4,000 tree in Paluh Bidai dengan luas 171,31 ha dan 5000 batang di Paluh Selingkar dengan luas 171,26 (dari hasil kegiatan small grant program bersama YARL dan IPANJAR).
Third Quarter (Apr - Jun 07) - cont'	West Sumatra	DAS Wampu/Sub-DAS Lau Petani	Karo	7	Penampem FA 200 batang seluas 2 ha lahan kritis Tahura BB dan kemah konservasi 700 batang seluas 7 ha di kawasan Tahura BB
		DAS Batang Air Dingin	Kota Padang	64.8	Through Field School activities in Sungai Gariang village
		DAS Batang Kuranji		40.25	Through Field School activities in Sungkai and Balai Gadang villages
		DAS Batang Arau		20	Through Field School activities in Limau Manis Selatan village
	DKI Jakarta	Not Applicable			
	West Java	Cikundul-Cilaku	Cianjur	69	54.4 hectares have been planted in RHLP Program areas of Cianjur District, and 14.5 hectares have been planted by Community Members in several villages of Cianjur District
		Cikapundung	Bandung	3	Planted during in the field day of the ESP Field School in Bandung District
Cipunegara, Ciasem and Cilamaya		Subang	268	As part of the implementation of ESP Field Schools and its follow up activities	
Central Java/Yogyakarta	Tangsi	Magelang	230	in collaboration with Perhutani and Dinas Kehutanan Propinsi. This land rehabilitation program was conducted in Sumbing Mt area and Beser hill	
East Java	Sumber Brantas	Batu	194.5	Through 5 Field School (50 ha); the rest is conducted by community groups in collaboration with GIRAB, LMDH, Dinas LH, Dinas Kehutanan, Karang Taruna dan Pemuda Panca Marga	
<b>Sub total of rehabilitated area (hectares)during Third Quarter</b>				<b>3763.55</b>	
Forth Quarter (Jul - Sep 07)	NAD	Krueng Aceh	Aceh Besar	377	tree planting program has involved 9 community groups of Krueng Aceh Watershed in Aceh Besar. Land rehabilitation program implemented in 10 villages of FK.G member, 2 villages of FAMS member, 2 villages of Forsaka member as well as Sukamakmur, Wue and Krueng Lam Kareung
		Krueng Sabee-Geupue	Aceh Jaya	586	Coastal rehabilitation conducted in Pantee Kuyun (Ulu Masen), Kuala Dho, Sawang, Babahngom, Padang, Patek, Kuala Meurisi, Padang Datar, Mon Mata, Keude Krueng Sabee and involved 6 community groups

Environmental Services Program

Annual Summary of Achievement of Increasing of Rehabilitated Land to Improve Watershed Function for Water Supply (WS Outcome #I.b.)

Status: September 2007

Quarter	Region	Sub DAS	District	Rehabilitated Area (hectares)	Remarks	
Forth Quarter (Jul - Sep 07) - cont'	NAD (cont')	Krueng Sabee-Geupue	Aceh Besar	52	These coastal rehabilitation activities conducted in Lampuuk (Lhoknga), Lam Seunia (west coast) and involved 2 community groups. In Lam Seunia funded by FAO	
	North Sumatra	DAS Deli/Sub-DAS Lau Petani	Deli Serdang	190	Tree Planting with Tanaman Buah, Mindi, Jati Putih and Mahoni (19,800 trees) a long rivers Lau Petani in Bandar Baru and 3000 trees have been planted on Safari Lingkungan celebration in Deli Tua, and three location SL/SLA Bandar Baru, Puangaja and Rumah Sumbul (540 trees)	
		DAS Wampu/Wampu	Langkat	30	Tree Planting 3.500 tree in Suka Maju Village for a long Wampu rivers in Sub DAS Wampu. In collaboration with PARAS (EP Grantee)	
		DAS Wampu/Sub-DAS Lau Biang	Karo	145	Serdang FA 100 batang seluas 1 ha di sekolah SD dan Safari Lingkungan Lau Kawar: 3000 batang seluas 30 di sekitar: Danau Lau Kawar dan lahan masyarakat Desa Kuta Rayat dan Kuta Gugung. In 9 villages bordering the Tahura BB, 5600 trees have been planted covering some 62 hectares of critical land around protected areas, Tree Planting (3600 trees, 52 Ha) in Serdang and Penampen Villages by SL and Community	
	DKI Jakarta	Not Applicable				
	West Java	Cipunegara, Ciasem, Cilamaya	Subang	15	Planted in Cijambe Village by 5 community groups in this village. This program has been supported by Forestry and Plantation Services Office of Subang District	
		Cikampung	Bandung	4	Tree planting supported by PDAM Kota Bandung (1000) & Dinas Lingkungan Hidup Kab. Bandung (100), planted on 97 field school members' land in 5 villages. This tree planting during in this period as follow up of tree planting program have been conducted in the Third Quarter after the implementation of the Field Day	
		Cikundul-Cilaku	Cianjur	302	60 hectares have been planted in Sub DAS Cikundul-Cilaku of Cianjur District and 242 hectares have been planted through the events of land rehabilitation movement in Cianjur District	
	Central Java/Yogyakarta					No tree planting program during this period
	Forth Quarter (Jul - Sep 07) - cont'	East Java	Sumber Brantas	Batu	118	In Arjowinangun (re-planting by Field School group) and Batu (as part of GIRAB activity).
Welang			Pasuruan	587	162 hectares in collaboration with FKML LMDH and Perhutani; 200 hectares have been planted in Tambak Sari and Jatiarjo supported by APBD Program; and 225 hectares have been planted in Tambak Sari, Jatiarjo and Ledug in collaboration with GNRHL	
<b>Sub total of rehabilitated area (hectares)during Forth Quarter</b>				<b>2406</b>		
<b>Total of rehabilitated area (hectares) up to End of FY 2007</b>				<b>13092.15</b>		
<b>Total of rehabilitated area (hectares) up to End of FY 2005</b>				<b>60</b>		
<b>Total of rehabilitated area (hectares) up to End of FY 2006</b>				<b>22948.55</b>		
<b>Total target over the life of project (hectares)</b>				<b>35320</b>		
<b>To date achievement of the total of rehabilitated area (hectares)</b>				<b>36100.7</b>	<b>102.21%</b>	

## Environmental Services Program

## Annual Summary of Achievement of Biodiversity Value under Improved and Local Management (WS Outcome #I.c.)

Status: September 2007

No	Province	Name of Protected/ Forest Area/ Watershed Area	Type of Protected/ Forest Area *)	Total Increased in Forest Area With High Biodiversity Value under Improved Management									
				FY 05		FY 06		FY 07		FY 08		FY 09	
				Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)	Area w/ Biodiversity (hectare)	Area under improved Management (Hectare)
1	NAD	Tahura Pocut Meurah Intan	National Grand Park/Tahura	Not Applicable				6300	3150				
2		KSAM (Kawasan Sumber Air Alur Mancang)	Protected forest	Not Applicable				600	600				
3		KALIMAT (Kawasan Perlindungan Mata Air Krueng Terbang)	Protected forest	Not Applicable				1082	1082				
2	N. Sumatra	Tahura Bukit Barisan (DAS Deli)	Grand Park Forest (Conservation area)	Not Applicable		51600	0	51600	25800				
		Suaka Margasatwa Langkat Timur Laut (DAS Wompu)	Wildlife Sanctuary	Not Applicable		15765	7882.5	15765	7882.5				
3	W. Sumatra	Tahura Bung Hatta	Grand Park Forest (Conservation area)	Not Applicable		23000	0	ESP no longer work in West Sumatra Province					
4	DKI Jakarta			Not Applicable									
5	W. Java	Gede Pangrago	National Park	Not Applicable		21975	10987.5	21975	10987.5				
6	C. Java/DIY	Taman Nasional Merapi	National Park	Not Applicable				197	98.5				
		Potorono Forest	Community forest	Not Applicable				727	727				
7	E. Java	Tahura Raden Soeryo	Grand Park Forest	Not Applicable		27868	13934	27868	13934				
8	National			Not Applicable									
<b>Total Area</b>				<b>N/A</b>		<b>140208</b>	<b>32804</b>	<b>124432</b>	<b>64261.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Area of Baseline (hectare)</b>			<b>165868.3</b>										
<b>Total Target of 50% increased (hectare)</b>			<b>82650</b>										
<b>% increased</b>				<b>N/A</b>		<b>39.69</b>		<b>77.75</b>		<b>0.00</b>		<b>0</b>	

**Environmental Services Program**

**Annual Summary of Achievement of People Benefiting from Community-based Coastal Rehabilitation Activities in Tsunami Impacted Area in Aceh (WS Outcome #1.d.)**

Status: September 2007

No	District	Achievement on Total People Benefiting from community-based Coastal Rehabilitation in Aceh									
		FY 05		FY 06		FY 07		FY 08		FY 09	
		Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries	Number of Activities	Total Beneficiaries
1	Aceh Jaya	0	0	7	2840	8	7785				
2	Aceh Besar	Not Applicable		Not Applicable		7	12555				
	<b>Total Beneficiaries</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>2840</b>	<b>15</b>	<b>20340</b>				
	<b>Total Cumulatif of Number of Beneficiaries</b>		<b>0</b>		<b>2840</b>		<b>23180</b>		<b>23180</b>		<b>23180</b>
	<b>Total Target over the life of project</b>	<b>5820</b>									
	<b>To date percentage of achievement of total beneficiaries</b>	<b>398.28%</b>									

## Environmental Services Program

## Annual Summary of Achievement by Province on the Development of WSM Plan (WS Outcome #1.e.)

Status: September 2007

No	Province	District/DAS/Sub-DAS	Score (%)													
			Mar-05	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	Mar-08	Sep-08	Mar-09	Sep-09				
a	NAD	Aceh Besar/Krueng Aceh/Krueng Inong/Krueng Kaloek			10	10	10	75						Total WSM Plan developed up to end of FY 2007	12	
b		Aceh Besar/Krueng Aceh/Krueng Seulimeum/ Alur Mancang					50	100								
c		Aceh Besar/Krueng Aceh/Krueng Jruie hilir						100								
d		Aceh Jaya/Krueng Sabee-Geupue/Krueng Sabee/Krueng Lageun					50	100								
e	North Sumatra	Karo, Deli Serdang and Medan/DAS Deli	7	31	43	85	85	92					Total WSM Plan developed in FY 2005 and 2006	1		
f		Karo and Deli Serdang/DAS Deli (Sub DAS Lau Petani Hulu/Lembah Sibayak)	0	15	25	43	48	100								
g		DAS Wampu/Sub-DAS Wampu	5	19	28	46	46	60					To date achievement of Development of WSM Plan	13		
h		Tahura Bukit Barisan/DAS Deli and Wampu					39	100								
i	West Sumatra	DAS Batang Arau, batang Air Dingin dan Batang Kuranji	5	10	41	100							Total Target of WSM Plans developed over the life of the project	34		
j	DKI Jakarta		Not Applicable													

**Environmental Services Program**

**Annual Summary of Achievement by Province on the Development of WSM Plan (WS Outcome #1.e.) (cont')**

Status: September 2007

No	Province	District/DAS/Sub-DAS	Score (%)										To date percentage of achievement of the WSM Plans	38.24%
			Mar-05	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	Mar-08	Sep-08	Mar-09	Sep-09		
k	West Java	Subang/DAS Cipunegara - Ciasem	25	45	60	60	80	100						
l		Subang/DAS Cileuleuy - Cilamantan	Not Applicable				80	100						
m		Bandung/Sub-DAS Cikapundung	Not Applicable			45	60	75						
n		Cianjur/ Gede Pangrango Catchment areas/TNGP	Not Applicable			10	20	40						
o		Cianjur/DAS Citarum/ Sub-DAS Cikundul	Not Applicable		35	50	60	100						
p	West Java (cont')	Cianjur/DAS Citarum/ Sub-DAS Cilaku	Not Applicable		30	50	70	100						
q		Cianjur/DAS Citarum/ Cikundul-Cilaku	15	15	25	40	70	100						
r	Central Java/DIY	DAS Progo/Sub-DAS Tangsi	Not Applicable				80	100						
s		DAS Progo/Sub-DAS Blongkeng	Not Applicable				10	90						
t	East Java	Sumber Brantas/Batu-Fokal Mesra	7	7	24	28	51	100						
u		Sumber Brantas/Batu-LMDH	Not Applicable				40							
v		Pasuruan/Welang	Not Applicable				35	50						
w	National		Not Applicable											

**Environmental Services Program**

**Annual Summary of Achievement of Number of Community Groups Implement Improved Natural Resource Management (WS Outcome #1.f.)**

**Status: September 2007**

Province	District	Achievement on the Total Community Group Implement Improved Natural Resource Management				
		FY 05	FY 06	FY 07	FY 08	FY 09
		Total Community	Total Community	Total Community	Total Community	Total Community
NAD	Aceh Besar	0	4	46		
	Aceh Jaya	0	3	17		
	Banda Aceh	0	0	2		
	Singkil	0	0	4		
N. Sumatra	Karo	9	3	14		
	Deli Serdang	5	6	8		
	Medan	0	2	0		
	Langkat	0	1	0		
W. Sumatra	Kota Padang	7	2	4		
DKI Jakarta		N/A				
West Java	Subang	16	1	4		
	Cianjur	0	22	13		
	Bogor	0	0	1		
	Sukabumi	0	0	1		
	Bandung	0	0	5		
Central Java/DIY	Magelang	0	15	15		
East Java	Batu	15	15	5		
	Pasuruan	0	0	7		
	Malang District	0	0	2		
	Kota Malang	0	0	1		
	Mojokerto	0	0	3		
National		N/A				
	<b>Total Number of Community Group (up to September 2007)</b>	<b>52</b>	<b>74</b>	<b>152</b>	<b>0</b>	<b>0</b>
	<b>Total Cumulative of Community Group (up to September 2007)</b>	<b>52</b>	<b>126</b>	<b>278</b>	<b>278</b>	<b>278</b>
	<b>Total target over the life of project</b>	<b>250</b>				
	<b>Percentage of achievement of number of community group implement NRM</b>	<b>111.20%</b>				

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QUARTERLY PROGRESS REPORT NO. 10 JULY 2007-SEPTEMBER 2007

Environmental Services Program

Annual Summary of Achievement of PDAM Management Index Score (SD Outcome #2.a.)

Status: September 2007

No	Province/PDAM	SCORING						% INCREASED OF PDAM PERFORMANCE												
		2004	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	2005		2006		2007		2008		2009				
								Mar	Sep	Mar	Sep	Mar	Sep	Mar	Sep	Mar	Sep			
<b>A</b>	<b>NAD</b>																			
	1 PDAM Tirta Daroy - Banda Aceh	N/A	N/A	26	39	40	49			N/A	50	54	88							
	2 PDAM Tirta Mountala - Aceh Besar	N/A	N/A	17	39	41	56			N/A	129	141	229							
	3 PDAM Tirta Meulaboh - Aceh Barat	N/A	N/A	13	27	30	45			N/A	108	131	246							
<b>B</b>	<b>North Sumatra Province</b>																			
	4 PDAM Tirtanadi - Medan	51	53	54	58	58	59	N/A	4	6	14	14	16							
	5 PDAM Karo District	19	15	23	36	39	40	N/A	(21)	21	89	105	111							
	6 PDAM Langkat District	19	13	20	27	32	34	N/A	(32)	5	42	68	79							
	7 PDAM Sibolga Municipality	N/A	N/A	N/A	40	44	46				N/A	10	15							
<b>C</b>	<b>West Sumatra Province</b>																			
	8 PDAM Padang Municipality	N/A	N/A	N/A	N/A	No longer work with	No longer work with													
	9 PDAM Solok District	N/A	N/A	N/A	N/A	ESP	ESP													
	10 PDAM Bukit Tinggi Municipality	N/A	N/A	N/A	N/A															
<b>D</b>	<b>West Java Province</b>																			
	11 PDAM Bandung Municipality	41	46	46	46	46	46	N/A	12	12	12	12	12							
	12 PDAM Bandung District	N/A	N/A	53	55	56	56			N/A	4	6	6							
	13 PDAM Bogor District	N/A	N/A	51	55	57	57			N/A	8	12	12							
	14 PDAM Bogor Municipality	N/A	N/A	64	66	67	67			N/A	3	5	5							
	15 PDAM Sukabumi Municipality	47	55	55	56	56	56	N/A	17	17	19	19	19							
	16 PDAM Sukabumi District	32	37	38	40	43	47	N/A	16	19	25	34	47							
	17 PDAM Purwakarta District	40	43	44	46	46	46	N/A	8	10	15	15	15							
	18 PDAM Subang District	43	50	55	53	53	53	N/A	16	28	23	23	23							
	19 PDAM Cianjur	N/A	N/A	49	49	49	49			N/A	-	-	-							
<b>E</b>	<b>Central Java/Yogyakarta Province</b>																			
	20 PDAM Yogyakarta Municipality	N/A	N/A	47	49	49	48			N/A	4	4	2							
	21 PDAM Surakarta Municipality	N/A	N/A	54	55	55	55			N/A	2	2	2							
	22 PDAM Magelang District	N/A	N/A	48	49	49	52			N/A	2	2	8							
	23 PDAM Magelang Municipality	N/A	N/A	N/A	N/A	N/A	36			N/A	N/A	N/A	N/A							
<b>F</b>	<b>East Java Province</b>																			
	24 PDAM Malang Municipality	53	61	62	64	65	67	N/A	15	17	21	23	26							
	25 PDAM Malang District	29	37	39	39	39	40	N/A	28	34	34	34	38							
	26 PDAM Gresik Municipality	26	32	32	34	34	35	N/A	23	23	31	31	35							
	27 PDAM Sidoarjo Municipality			29	31	31	34			N/A	7	7	17							
	28 PDAM Surabaya Municipality				53	53	59				N/A	-	11							
<b>G</b>	<b>Special Imperative Area</b>																			
	29 PDAM Manado Municipality			15	31	No longer work with ESP	No longer work with ESP													
	<b>Total PDAM Supported by ESP</b>		11		28		25													
	<b>To Date of average of % increased of the PDAM Performance Index</b>							N/A		23		42.50								

Note:

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

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**Environmental Services Program**

**Annual Summary of Achievement of People Access to Clean Water (SD Outcome #2.b.)**

Status: September 2007

No	Province	Baseline (Year 2006)				Achievement of Year 2007 *)					TOTAL increased Households (per Province)	Remarks			
		PDAM Connection				PDAM Connection				Non PDAM / Comm Based Connection (hh)					
		Domestic	Social	Commercial	Total	Domestic	Social	Commercial	Total						
<b>A NAD</b>															
1	PDAM Banda Aceh	13,350	328	165	13,843	11,821	187	3,292	15,300	1346	3,703	- Non PDAM Connection: come from water supply from public facility (Puskesmas)			
2	PDAM Aceh Besar	6,902	80	502	7,484	7,275	105	835	8,215						
3	PDAM Aceh Barat	2,914	-	-	2,914	3,083	-	-	3,083						
<b>B North Sumatra</b>															
4	PDAM Tirtanadi - Medan	315,496	8,969	28,709	353,174	323,014	8,718	34,266	365,998	500	13,629	In Medan Sunggal (44 HH) and Medan Maimun (79 HH); through Small Grant Program and supported by PDAM Tirtanadi			
5	PDAM Karo District	13,089	357	1,342	14,788	13,651	159	1,413	15,223						
6	PDAM Langkat District	13,145	399	1,241	14,785	12,967	191	1,247	14,405						
7	PDAM Sibolga Municipality	10,386	205	585	11,176	10,539	212	675	11,426						
8	PDAM Binjai Municipality	no ESP support in this period yet													
<b>C West Sumatra</b>															
9	PDAM Padang Municipality	no more ESP support								-	-				
10	PDAM Solok District														
11	PDAM Bukit Tinggi Municipality														
<b>D West Java</b>															
12	PDAM Bandung Municipality	119,647	2,052	18,042	139,741	118,297	2,003	17,561	137,861	450	7,970	Community-based water supply was established in 3 Villages (Sukatani, Sukanagalih and Padaluyu) of Cipanas Sub-District of Cianjur			
13	PDAM Bandung District	46,172	496	1,910	48,578	46,861	502	1,907	49,270						
14	PDAM Bogor District	97,694	1,249	2,682	101,625	99,867	1,276	2,725	103,868						
15	PDAM Sukabumi Municipality	20,723	480	788	21,991	20,439	491	839	21,769						
16	PDAM Sukabumi District	12,370	785	362	13,517	14,339	442	418	15,199						
17	PDAM Purwakarta District	16,401	482	476	17,359	16,826	490	480	17,796						
18	PDAM Subang District	22,525	451	5	22,981	22,921	562	194	23,677						
19	PDAM Cianjur District	20,178	366	5,735	26,279	22,760	860	4,221	27,841						
20	Bogor Municipality	66,266	1,056	3,805	71,127	68,364	1,123	3,950	73,437						
<b>E Central Java/Yogyakarta</b>															
21	PDAM Yogyakarta Municipality	32,306	709	1,483	34,498	32,361	716	1,414	34,491		1,842				
22	PDAM Surakarta Municipality	46,542	959	5,332	52,833	46,308	970	5,877	53,155						
23	PDAM Magelang District	33,503	1,275	739	35,517	34,858	1,346	840	37,044						
24	PDAM Magelang Municipality	no ESP support in this period yet													
25	PDAM Sleman District														
<b>F East Java</b>															
26	PDAM Malang Municipality	78,942	1,653	40	80,635	83,063	1,953	73	85,089	-	34,335				
27	PDAM Malang District	60,069	1,554	1,220	62,843	64,049	1,537	1,238	66,824						
28	PDAM Sidoarjo District	64,392	384	3,655	68,431	69,314	499	3,795	73,608						
29	PDAM Gresik District	49,157	812	1,266	51,235	51,610	858	1,314	53,782						
30	PDAM Surabaya Municipality	312,297	5,972	26,907	345,176	330,527	5,120	27,705	363,352						
<b>G Special Imperative Area</b>															
31	PDAM Manado Municipality	no more ESP support								-	-	-			
<b>TOTAL Household access to Clean Water</b>		1,474,466	31,073	106,991	1,612,530	1,525,114	30,320	116,279	1,671,713	2,296	61,479	PDAM: 59,183 and Comm Based: 2,296			
<b>TOTAL People access to Clean Water</b>		7,372,330	621,460	-	7,993,790	7,625,570	606,400	-	8,231,970	11,480	249,660				
<b>% Increase of People Access to Clean Water **)</b>									3.12						

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**Environmental Services Program**

**Annual Summary of Details Scoring of Development of District/Municipal Sanitation Strategies with Action Plan (SD Outcome #2.c.)**

**Status: September 2007**

No	Information	Province						
		NAD	North Sumatra	West Sumatra	DKI	Central Java/DIY	East Java	
			1	2		4	5	6
1	Location		Medan Municipality	Padang Municipality		Yogyakarta Municipality	Malang District	Surabaya Municipality
4	Steps of Development of Citywide Sanitation Strategic Plan:							
	Score							
1	Identify potential location and Citywide Sanitation Strategic Plan (CSSP)		2	2		2	2	2
2	Establish POKJA (including SK and budget for operational cost)		2	2		2	2	1
3	Identify priority areas (Kecamatan scale) within each city		2	2		2	2	0
4	Facilitation CSSP phase #1, completed by Local Stakeholders workshop #1		2	2		2	2	0
5	Facilitation CSSP phase #2, completed by Local Stakeholders workshop #2		2	1		2	1	0
	Facilitation CS Action Plan phase #3, completed by Local Stakeholders workshop #3		0	0		0	0	0
6	Support National CSSP workshop		0	0		0	0	0

**Note for Score:**

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

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**Environmental Services Program**

**Annual Summary of Development of Community-based Solid Waste Management System/SWMS (SD Outcome #2.d.)**

Status: September 2007

Province	District/Municipality	No	Location	Number of Household participated in the system developed	Number of people participated in the system developed	Information					Remarks	
						Steps of Development of Community-based Solid Waste Management (SWMS)						
						Location identified & agreed upon w/ Loc. Stakeholders (Govt, local communities)	Solid waste mgt system plan developed & agreed upon by stakeholder	Community roles and responsibilities defined	Tariff and fee collection system in place	Solid waste collection system implemented		Solid waste disposal system (where possible inc recycling) implemented
						Score: (0) Have not started yet; (1) on-going; (2) completed						
Nanggroe Aceh Darussalam (NAD)	Aceh Besar	1	Lhoknga, Lamkruet	80	400	1	1	1	1	1		
		2	Lhoknga, Nusa	50	250	1	1	0	0	0		
		3	Lhoknga, Glebrug	50	250	2	1	0	0	0		
	Banda Aceh	4	Lhoknga, Kuta Alam, Penayong	40	200	2	0	0	0	0		
		5	Merebo, Penagen Raya	50	250	2	1	2	1	1	0	
North Sumatra	Medan Municipality	6	Medan Maimun, Sei Tuan, Gang Sampurna	20	100	2	2	2	0	0	0	
		7	Percut Sei Tuan, Tembung, Lingk XI	200	1000	2	2	2	2	2	1	
		8	Percut Sei Tuan, Tembung, Lingk IX	50	250	2	1	0	0	0	0	
	9	Percut Sei Tuan, Tembung, Lingk VIII	10	50	2	2	1	1	1	0		
DKI Jakarta	North Jakarta	10	Penjaringan, Penjaringan	68	340	2	1	1	1	1	collaboration with MC/HP3	
West Java	Bandung Municipality	11	Tamansari, Tamansari	300	1500	2	2	2	1	2	2	
	Cianjur	12	Cugenang, Mangunkerta	100	500	2	2	2	2	2	2	Completed in 07
		13	Cianjur, Nagrak	200	1000	2	2	2	1	2	2	
		14	Cianjur, Sukamaju	50	250	2	2	2	1	2	2	
		15	Cianjur, Limbangan Sari	30	150	2	2	2	0	2	1	
		16	Cianjur, Talaga	25	125	2	2	1	1	1	1	
		17	Cugenang, Cirumput	25	125	2	2	2	1	1	1	
		18	Pacet, Cipendawa	50	250	2	2	2	1	2	1	
		19	Pacet, Sukatani	50	250	2	2	2	1	2	1	
		20	Sukaresmi, Cibadak	140	700	2	2	2	1	2	1	
		Subang	21	Cijambe, Cijambe	150	750	2	2	2	1	2	2
	22		Pagedan, Gunung Sari	25	125	2	1	0	0	0	0	
Central Java/Yogyakarta	Yogyakarta Municipality	23	Gondolayu, Jetis	130	650	2	2	2	2	2	2	Completed in 07
		24	Ngampilan, Ngampilan	120	600	2	2	2	2	2	2	
	Sleman	25	Gamping, Nogotirto	27	135	2	2	2	2	2	2	
	Magelang	26	Salaman, Kebunrejo	25	125	2	2	1	1	1	1	
		27	Salaman, Salaman	50	250	2	2	1	1	1	1	
		28	Salam, Gulon	27	135	2	2	2	2	2	2	Completed in 07
	East Java	Malang	29	Kepanjen, Jatirejoso	20	100	2	2	2	2	2	2
30			Kepanjen, Kepanjen	60	300	2	2	2	2	2	2	
31			Kepanjen, Curung Rejo	55	275	2	2	2	2	2	2	
32			Klojen, Bareng	33	165	2	2	2	2	2	2	
Batu Municipality		33	Temas, Temas	95	475	2	2	2	2	2	2	
		34	Bumiaji, Pandan Rejo	70	350	2	2	2	2	2	2	
Lamongan		35	Paciran, Paciran	60	300	2	2	2	2	1	1	
		Surabaya Municipality	36	Genteng, Kapasari	70	350	2	2	2	2	2	2
37			Genteng, Ketabang	15	75	2	2	2	2	2	2	
38			Tambaksari, Gading	167	835	2	2	2	2	2	2	Completed in 2006
39			Wonokromo, Wonokromo	360	1800	2	2	2	2	2	2	
<b>Total SWMS developed (up to Sep 07)</b>		<b>39</b>										
<b>Estimation of Number of People Benefiting from SWMS</b>					<b>15735</b>							

Environmental Services Program

Annual Summary of Development of Small Scale Sanitation System/SSSS (SD Outcome #2.e)

Status: September 2007

Province	District/Municipality	No	Information								Remarks	
			Location	Number of Household participated in the system developed	Number of people participated in the system developed	Steps of Development of Community-based Sanitation System (SSSS)						
						Location identified & agreed upon with Local Stakeholders (Govt, local com)	Plans and designs developed and agreed upon by stakeholders	Community roles and responsibilities defined through workshops and formal meeting	Operation, maintenance and monitoring system established	Community sanitation system constructed		Quality of effluent in accordance to relevant standard
Score: (0) Have not started yet; (1) on-going; (2) completed												
Nanggroe Aceh Darussalam (NAD)	Aceh Besar	1	Lhoknga, Lamkruet, Mon Bungon	20	100	2	2	2	2	2	1	
		2	Lhoknga, Lamkruet, Atlas Logistik Housing	18	90	2	2	2	2	2	2	completed
	Aceh Jaya	3	Setia Bakti, Rigah, Lhok Timon	20	100	2	2	2	2	2	1	
		4	Setia Bakti, Gampung Baru	260	1300	2	2	2	2	2	1	
	Aceh Barat	5	Johan Pahlawan, Desa Pasir, Caritas Housing	60	300	2	2	1	0	0	0	Destroyed by the second big wave hit this areas in March 07
		6	Johan Pahlawan, Suak Indrapuri, Caritas Housing	140	700	2	2	1	0	0	0	
		7	Merebo, Penagan Rayek, Pesantren Darul Hikmah	20	100	2	2	2	2	2	1	
North Sumatra	Medan Municipality	8	Medan Belawan, Kel Bagan Deli	70	350	2	2	2	0	0	0	
		9	Medan Labuhan, Sei Mati (Rumah Susun Sewa)	95	475	2	2	0	0	1	0	
		10	Medan Maimun, Kel. Kampung Baru (Gg Lampu 1)	20	100	2	2	2	2	2	2	ESP Small Grant
	Deli Serdang	11	Lubuk Pakam, Pagar Merbau 2	80	400	2	2	2	0	0	0	
		12	Percut Sei Tuan, Kel. Tembung (Dusun XI)	50	250	2	2	2	1	1	0	
West Sumatra	Padang	13	Kecamatan Padang Barat	100	500	2	2	2	0	1	0	
DKI Jakarta	West Jakarta	14	Tambora, Jembatan Besi	38	190	2	1	0	0	0	0	
	North Jakarta	15	Penjaringan, Penjaringan	38	190	2	1	0	0	0	0	
	Central Jakarta	16	Petojo Utara (RW 8)	75	375	2	2	2	2	2	0	
West Java	Bandung	17	Bale Endah, Rancamanyar	63	315	2	2	2	2	2	2	Completed in 06
		18	Marga Asih, Nanjung (Kp. Dara Ulin)	73	365	2	2	2	2	2	2	
		19	Regol, Pasirluyu	100	500	2	2	1	1	0	0	
		20	Bandung Wetan, Tamansari	50	250	2	1	0	0	0	0	
Central Java/Yogyakarta	Magelang	21	Sangen Village, Kajoran Sub-district, Magelang District	14	70	2	2	2	2	2	0	
East Java	Malang	22	Kepanjen, Curung Rejo	103	515	2	2	2	1	1	1	
		23	Pakis, Wendit	100	500	1	1	1	0	0	0	
	Batu Municipality	24	Temas, Temas	50	250	2	2	2	0	0	0	
	Surabaya Municipality	25	Tambaksari, Gading	0	0	1	0	0	0	0	0	
		25	Wonokromo	0	0	1	0	0	0	0	0	
Total SSSS developed (up to September 07)		26										
Estimation of Number of People Benefiting from SSSS				8285								

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**Environmental Services Program**

**Annual Summary of Achievement of Number of People Trained in Effective Hand Washing with Soap  
(SD Outcome #2.f.-c)**

**Status: September 2007**

Quarter	Region	Number of People Trained in Effective Hand Washing with Soap			
		Training Course	Community-based Activities	School-based Activities	Health Fair
First Quarter (Oct - Dec 06)	NAD	0	0	0	0
	North Sumatra	0	0	0	0
	West Sumatra	0	0	0	0
	DKI Jakarta	0	0	0	0
	West Java	0	0	0	0
	Central Java/Yogyakarta	0	0	0	0
	East Java	0	0	0	0
<b>Sub total of First Quarter</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Sub total of number of people trained in Effective HWWS during First Quarter</b>					<b>0</b>
Second Quarter (Jan - Mar 07)	NAD	0	0	0	0
	North Sumatra	0	0	0	0
	West Sumatra	0	0	0	0
	DKI Jakarta	0	0	0	0
	West Java	0	0	0	0
	Central Java/Yogyakarta	0	0	0	0
	East Java	0	623	858	0
<b>Sub total of Second Quarter</b>		<b>0</b>	<b>623</b>	<b>858</b>	<b>0</b>
<b>Sub total of number of people trained in Effective HWWS during Second Quarter</b>					<b>1481</b>
Third Quarter (Apr - Jun 07)	NAD	0	0	0	0
	North Sumatra	65	381	0	0
	West Sumatra	0	0	0	0
	DKI Jakarta	0	0	0	0
	West Java	175	3730	450	1500
	Central Java/Yogyakarta	30	0	0	0
	East Java	299	848	129	0
<b>Sub total of Third Quarter</b>		<b>569</b>	<b>4959</b>	<b>579</b>	<b>1500</b>
<b>Sub total of number of people trained in Effective HWWS during Third Quarter</b>					<b>7607</b>
Forth Quarter (Jul - Sep 07)	NAD	0	0	0	0
	North Sumatra	85	600	4943	0
	West Sumatra	0	0	0	0
	DKI Jakarta	0	0	0	0
	West Java	0	250	3348	2000
	Central Java/Yogyakarta	21	555	1560	0
	East Java	32	1590	1159	0
<b>Sub total of Forth Quarter</b>		<b>138</b>	<b>2995</b>	<b>11010</b>	<b>2000</b>
<b>Sub total of number of people trained in Effective HWWS during Forth Quarter</b>					<b>16143</b>
<b>Total number of people trained in effective hand washing with soap up to End of FY 2007</b>					<b>25231</b>
<b>Total number of people trained in effective hand washing with soap up to End of FY 2005 &amp; 2006</b>					<b>27990</b>
<b>To date achievement of number of people trained in effective hand washing with soap (#)</b>					<b>53221</b>
<b>Total target of number of people trained in effective hand washing with soap</b>					<b>80000</b>
<b>To date achievement of number of people trained in effective hand washing with soap (%)</b>					<b>66.53%</b>

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**Environmental Services Program**

**Annual Summary of Achievement of PDAM Demonstrate An Improved Operating Ratio (FN Outcome #3.a.i.)**

Status: September 2007

No	Province/PDAM	SCORING						% INCREASED OF OPERATING RATIO										
		Jun-05	Sep-05	Mar-06	Sep-06	Mar-07	Sep-07	2005		2006		2007		2008		2009		
								Mar	Sep	Mar	Sep	Mar	Sep	Mar	Sep	Mar	Sep	
<b>A</b>	<b>NAD</b>																	
	1 PDAM Tirta Daroy - Banda Aceh	N/A	N/A	N/A	1.016	0.493	0.703					N/A	42.60					
	2 PDAM Tirta Muntala - Aceh Besar	N/A	N/A	N/A	1.191	1.270	1.609					N/A	26.69					
	3 PDAM Tirta Meulaboh - Aceh Barat	N/A	N/A	N/A	N/A	0.493	0.486					N/A	(1.42)					
<b>B</b>	<b>North Sumatra Province</b>																	
	4 PDAM Tirtanadi - Medan	1.051	N/A	1.059	N/A	1.037	1.277	N/A	N/A	0.76	N/A	(1.33)	21.50					
	5 PDAM Karo District	0.797	N/A	0.740	N/A	0.813	0.784	N/A	N/A	(7.15)	N/A	2.01	(1.63)					
	6 PDAM Langkat District	0.571	N/A	0.551	N/A	0.519	0.452	N/A	N/A	(3.50)	N/A	(9.11)	(20.84)					
	7 PDAM Sibolga Municipality	N/A	N/A	N/A	N/A	0.992	1.485					N/A	49.70					
<b>C</b>	<b>West Java Province</b>																	
	8 PDAM Bandung Municipality	0.862	N/A	0.931	N/A	0.421	0.771	N/A	N/A	8.00	N/A	(51.16)	(10.56)					
	9 PDAM Bandung District	1.239	N/A	1.083	N/A	1.134	1.219			N/A	N/A	4.71	12.56					
	10 PDAM Bogor District	1.059	N/A	1.082	N/A	1.166	1.029			N/A	N/A	7.76	(4.90)					
	11 PDAM Bogor Municipality	1.096	N/A	1.166	N/A	1.192	1.280			N/A	N/A	2.23	9.78					
	12 PDAM Sukabumi Municipality	0.983	N/A	1.021	N/A	1.050	1.184	N/A	N/A	3.87	N/A	6.82	20.45					
	13 PDAM Sukabumi District	0.802	N/A	0.800	N/A	0.078	0.979	N/A	N/A	(0.25)	N/A	(90.30)	22.07					
	14 PDAM Purwakarta District	1.005	N/A	0.998	N/A	1.039	1.145	N/A	N/A	(0.70)	N/A	3.38	13.93					
	15 PDAM Subang District	1.029	N/A	1.014	N/A	1.012	1.250	N/A	N/A	(1.46)	N/A	(1.65)	21.48					
	16 PDAM Cianjur	1.076	N/A	1.087	N/A	0.973	1.132			N/A	N/A	(10.49)	4.14					
<b>D</b>	<b>Central Java/Yogyakarta Province</b>																	
	17 PDAM Yogyakarta Municipality	1.174	N/A	1.194	N/A	1.114	1.243			N/A	N/A	(6.70)	4.10					
	18 PDAM Surakarta Municipality	1.014	N/A	1.020	N/A	1.102	1.029			N/A	N/A	8.04	0.88					
	19 PDAM Magelang District	1.134	N/A	1.130	N/A	1.108	1.160			N/A	N/A	(1.95)	2.65					
	20 PDAM Magelang Municipality	1.110	N/A	1.125	N/A	1.139	1.128			N/A	N/A	N/A	N/A					
<b>E</b>	<b>East Java Province</b>																	
	21 PDAM Malang Municipality	1.289	N/A	1.259	N/A	1.259	1.370	N/A	N/A	(2.33)	N/A	(2.33)	6.28					
	22 PDAM Malang District	1.008	N/A	1.031	N/A	1.004	1.165	N/A	N/A	2.28	N/A	(0.40)	15.58					
	23 PDAM Gresik Municipality	1.087	N/A	1.073	N/A	1.027	1.020	N/A	N/A	(1.29)	N/A	(5.52)	(6.16)					
	24 PDAM Sidoarjo Municipality	1.134	N/A	1.110	N/A	1.074	1.068			N/A	N/A	(3.24)	(3.78)					
	25 PDAM Surabaya Municipality	1.306	N/A	1.299	N/A	1.542	1.674					N/A	8.56					
	<b>Total PDAM Supported by ESP</b>		<b>11</b>		<b>19</b>		<b>25</b>											
	<b>Total PDAM demonstrate an improved operating ratio</b>							<b>N/A</b>	<b>N/A</b>	<b>4</b>	<b>N/A</b>	<b>7</b>	<b>17</b>					
	<b>Total target of PDAM demonstrate an improved operating ratio over the life of project</b>												<b>3</b>					
	<b>To date percentage of achievement on PDAM demonstrate an improved operating ratio</b>							<b>N/A</b>	<b>N/A</b>	<b>13.33%</b>	<b>N/A</b>	<b>23.33%</b>	<b>56.67%</b>					

Note:

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

**Environmental Services Program**

**Annual Summary of PDAM Showing An Improved Operation Ratio and Submit Debt Restructuring (FN Outcome #3.a.2.)**

**Status: September 2007**

Province	No	PDAM	Percentage of Step Achieved of the Process of Debt Restructuring												
			Dec 04	Mar 05	Jun 05	Sep 05	Dec 05	Mar 05	Jun 06	Sep 06	Dec 06	Mar 07	Jun 07	Sep 07	
West Java	1	PDAM Bandung Municipality	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6%	25%	25%
	2	PDAM Purwakarta District	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	25%
	3	PDAM Sukabumi Municipality	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	25%
<b>Total PDAM demonstrate an improved operating ratio and submit debt restructuring during in FY 2007</b>														<b>0</b>	
<b>Total PDAM demonstrate an improved operating ratio and submit debt restructuring during in FY 2005 and 2006</b>														<b>0</b>	
<b>To date achivement of PDAM demonstrate an improved operating ratio and submit debt restructuring</b>														<b>0</b>	
<b>Total target of PDAM demonstarte an improved operating ratio and submit debt restructuring over the life of the project</b>														<b>5</b>	
<b>To date percentage of achievement on PDAM demonstrate an improved operating ratio and submit debt restructuring</b>														<b>0%</b>	

**Environmental Services Program**

**Annual Summary of Achievement on Improved Domestic Investment and Borrowing Environment (FN Outcome #3.b.)**

**Status: September 2007**

<b>Name of Regulation: PMK No.147/PMK.07/2006 on Municipal Bonds and the SOP</b>			
<b>Information on the Preparation of Regulation</b>			<b>Score Achieved</b>
<b>Steps of Preparation of Regulation</b>		<b>Score</b>	
1	Identify need of legal framework or new regulation	0/1/2	2
2	Review of existing laws/regulations	0/1/2	2
3	Preparation of the ministry regulation or its technical	0/1/2	2
4	Submission of the draft regulation or SOP to the Ministry	0/1/2	2
5	Socialization of draft regulation	0/1/2	2
	Approval of regulation	0/1/2	2

**Note for Score:**

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

## Environmental Services Program

## Annual Summary of PDAM Develop Plans to Access Commercial Financing (FN Outcome #3.c.)

Status: September 2007

Province	No	PDAM	Percentage of Step Achieved of the Development of Plans to Access Commercial Financing											
			Dec 04	Mar 05	Jun 05	Sep 05	Dec 05	Mar 06	Jun 06	Sep 06	Dec 06	Mar 07	Jun 07	Sep 07
West Java	1	PDAM Bandung Municipality	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%
	2	PDAM Subang District	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	59%
	3	PDAM Bogor Municipality	0%	0%	0%	17%	33%	51%	51%	51%	51%	51%	51%	51%
	4	PDAM Cirebon Municipality	0%	0%	0%	0%	0%	17%	33%	51%	51%	51%	51%	51%
	5	PDAM Bogor District	0%	0%	0%	17%	17%	17%	25%	59%	67%	75%	84%	92%
Central Java/ Yogyakarta	6	PDAM Surakarta Municipality	0%	0%	0%	0%	0%	17%	17%	33%	51%	51%	51%	51%
	7	PDAM Magelang District	0%	0%	0%	0%	0%	0%	17%	33%	51%	51%	51%	51%
East Java	8	PDAM Malang Municipality	0%	0%	0%	0%	17%	17%	17%	51%	51%	51%	51%	51%
	9	PDAM Sidoarjo District	0%	0%	0%	0%	0%	0%	0%	8%	8%	8%	17%	17%
	10	PDAM Surabaya Municipality	0%	0%	0%	0%	0%	0%	0%	17%	17%	75%	84%	92%
<b>Total PDAM develop plans to access commercial financing during in FY 2007</b>													<b>0</b>	
<b>Total PDAM develop plans to access commercial financing during in FY 2005 and 2006</b>													<b>0</b>	
<b>To date achivement of PDAM develop plans to access commercial financing</b>													<b>0</b>	
<b>Total target of PDAM ddevelop plans to access commercial financing over the life of the project</b>													<b>10</b>	
<b>To date percentage of achievement on PDAM develop plans to access commercial financing</b>													<b>0%</b>	

**Environmental Services Program**

**Annual Summary of Achievement on Bond Issuance (FN Outcome #3.d.)**

**Status: September 2007**

No	Information	West Java
1	Location	<b>PDAM Bogor District</b>
2	Steps of Development of Municipal Bond Issuance:	Score
1	Project Identification (agreed by PDAM and/or stakeholders)	0/1/2
2	Pre-Feasibility Study (Desk Study)	0/1/2
3	Presentation/Socialization of Pre-Feasibility Study result to PDAM and stakeholders, followed by written request from PDAM/Local Government to proceed	0/1/2
4	Credit Rating of PDAM or Local Government	0/1/2
5	Full Feasibility Study. The FFS may include one or more of the following elements: Water Supply and Demand Analysis, Investment Cost, Financial Analysis of Historical and Projected Costs/Revenue, Identification of financing options, Technical analysis, and Recommendations	0/1/2
6	Presentation/Socialization of Full Feasibility Study result to PDAM and stakeholders, followed by written request from PDAM/Local Government to proceed	0/1/2
7	Identification and Implementation of Follow-up Action(s). Such Follow-up Actions may include one or more of the following elements: Preparation of detailed timeline, Preparation of Terms of Reference, Preparation of Project Tendering Documents, Selection of Financing Institution, Revision of Financial Projection	0/1/2

**Note for Score:**

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

Environmental Services Program

Annual Summary of Development of Micro Credit Scheme to Support People Get Access to Clean Water (FN Outcome #3.e.)

Status: September 2007

Province	No	Name of PDAM	PDAM's Partners	Steps of Development of Micro Credit Development							Date of Signing of the Master Agreement	Number of Household Connection established	
				Contact local bank to assess their interest in providing micro-credit financing facilities	Road show to introduce micro credit program to water utility	Obtain written confirmation from Water Utility of interest in program and decision to proceed	Arrangement, negotiation and documentation of agreement with local bank branch	Preparation of draft agreement for PDAM with local bank	Master Agreement signing between PDAM and Local Bank	Internal training for the staff of PDAM and Local Bank			Communications strategy to promote micro-credit to potential customers prepared and implementation underway
Score: (0) Have not started yet; (1) on-going; (2) completed													
N. Sumatra	1	Medan Municipality	BRI Cabang Medan Iskandar Muda	2	2	2	1	1	0	0	0		0
	2	Langkat District	N/A	2	2	2	1	0	0	0	0		0
	3	Karo District	N/A	2	2	2	1	0	0	0	0		0
W. Java	4	Bandung District	BRI Cabang Cimahi	2	2	2	2	2	2	2	2	1-Sep-06	0
	5	Subang District	BRI Cabang Subang	2	2	2	2	2	2	2	2	20-Dec-06	0
	6	Subang District	BRI Cabang Pamanukan	2	2	2	2	2	2	2	2	11-Jan-07	0
	7	Sukabumi Municipality	BRI Cabang Sukabumi	2	2	2	2	2	2	2	2	8-Nov-06	15
	8	Bogor District	N/A	1	2	2	1	1	0	0	0		0
	9	Cianjur District	N/A	2	2	2	1	1	0	0	0		0
C. Java/DIY	10	Surakarta Municipality	BRI Cabang Solo Slamet Riyadi	2	2	2	2	2	2	2	2	1-Feb-07	0
	11	Magelang District	BRI Cabang Magelang	2	1	1	1	0	0	0	0		0
E. Java	12	Surabaya Municipality	BRI Cabang Surabaya Pahlawan	2	2	2	2	2	2	2	2	27-Nov-06	477
	13	Surabaya Municipality	Bank Jatim	2	2	2	2	2	2	2	2	27-Nov-06	6
	14	Surabaya Municipality	BRI Cabang Surabaya Kaliasin	2	2	2	2	2	2	2	2	1-Jun-07	0
	15	Sidoarjo District	BRI Cabang Sidoarjo	2	2	2	2	2	2	2	2	16-Oct-06	870
	16	Malang Municipality	BRI Cabang Kawi Malang	2	2	2	2	2	2	2	2	12-Sep-06	58
	17	Malang Municipality	BRI Cabang Malang Martadinata	2	2	2	2	2	2	2	2	21-Dec-06	0
	18	Malang District	BRI Cabang Malang Martadinata	2	2	2	2	2	2	2	2	6-Feb-07	0
<b>Total PDAM develop micro-credit program with Local bank during in FY 2007</b>												<b>12</b>	
<b>Total PDAM develop micro-credit program with Local bank during in FY 2005 and 2006</b>												<b>0</b>	
<b>To date achievement of PDAM develop micro-credit program with Local bank</b>												<b>12</b>	
<b>Total Target of PDAM develop micro-credit program with Local Bank</b>												<b>12</b>	
<b>To date percentage of PDAM develop micro-credit program with Local Bank over the life of the project</b>												<b>100.00%</b>	
<b>Total household get new connection from micro-credit program during in FY 2007</b>												<b>1426</b>	
<b>Total household get new connection from micro-credit program during in FY 2005 and 2006</b>												<b>0</b>	
<b>To date achievement of household get new connection from micro-credit program</b>												<b>1426</b>	
<b>Total target of household get new connection from micro-credit program over the life of the project</b>												<b>20000</b>	
<b>To date percentage of achievement of household get new connection from micro-credit program</b>												<b>7.13%</b>	
<b>Total people get access to clean water from micro-credit program during in FY 2007</b>												<b>7130</b>	
<b>Total people get access to clean water from micro-credit program during in FY 2005 and 2006</b>												<b>0</b>	
<b>To date achievement of people get access to clean water from micro-credit program</b>												<b>7130</b>	
<b>Total target of people get access to clean water from micro-credit program over the life of the project</b>												<b>100000</b>	
<b>To date percentage of achievement of people get access to clean water from micro-credit program</b>												<b>7.13%</b>	

**Environmental Services Program****Annual Summary of Achievement on Payment for Environmental Services (FN Outcome #3.f.)****Status: September 2007**

Province	No	Watershed	Percentage of Step Achieved on Process of Payment for Environmental Services											
			Dec 04	Mar 05	Jun 05	Sep 05	Dec 05	Mar 05	Jun 06	Sep 06	Dec 06	Mar 07	Jun 07	Sep 07
North Sumatra	1	Deli	0%	0%	0%	0%	10%	30%	40%	50%	50%	50%	50%	50%
West Java	2	TNGP	0%	10%	0%	10%	10%	20%	50%	50%	50%	70%	80%	80%
Central Java/DIY	3	DAS Progo	0%	0%	10%	0%	0%	0%	10%	20%	30%	30%	30%	30%
East Java	4	Sumber Brantas	0%	0%	0%	0%	0%	0%	0%	20%	20%	50%	50%	50%
<b>Total Payment for Environmental Services Finance (PES) developed during in FY 2007</b>													<b>0</b>	
<b>Total Payment for Environmental Services Finance (PES) developed in FY 2005 and 2006</b>													<b>0</b>	
<b>To date achivement of Payment for Environmental Services Finance (PES) developed</b>													<b>0</b>	
<b>Total target of Development of Payment for Environmental Services Finance (PES) over the life of the project</b>													<b>4</b>	
<b>To date percentage of achievement on Development of Payment for Environmental Services Finance (PES)</b>													<b>0%</b>	

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**QUARTERLY PROGRESS REPORT NO. 10 JULY 2007-SEPTEMBER 2007**

**Environmental Services Program**

**Annual Summary of Achievement of Leveraging Other Funding to Support ESP Program (FN Outcome #3.g.)**

Status: September 2007

Quarter	# of PPP	Program Name	Partner Organization	Type of Organization	Location	Amount Leveraged (\$)	Remarks
<b>First Quarter (Oct 06 - Dec 06)</b>							
<b>Other HPP (Excluded NAD)</b>							
	1	Land Rehabilitation and Conservation	Pusat Penyelamatan Satwa Jogja	Private Sector	Central Java	2,000.00	Provide 3,000 Aren seedlings for rehabilitated Potorono and
	2	Land and Water Rehabilitation and	Agro-Forestry Services office of	Public Sector	Yogyakarta	9,600.00	Provided seedling for the land rehabilitation program
	3	GIRAB (Gerakan Rehabilitasi Bumihaji)	Brantas Project	Private Sector	East Java	2,200.00	Provide seedlings for the land rehabilitation program under
	4	Development of Community-based	Pemda Kabupaten Malang	Public Sector	East Java	22,200.00	Fund provided was used for the construction of the sanitation
<b>Sub-total of amount leveraged in HPP (excluded NAD) during First Quarter</b>						<b>36,000.00</b>	
<b>Sub-total of PPP developed in HPP (excluded NAD) during First Quarter</b>						<b>4</b>	
<b>Nanggroe Aceh Darussalam (NAD)</b>							
	1	Tree Planting of Coastal Rehabilitation	BRR	Public Sector	Leupung Sub-District, Aceh	40,000.00	ESP provided technical assistant and capacity building activities
	2	Tree planting of coastal rehabilitation	DKP	Public Sector	Sawang, Aceh Jaya	8,500.00	Cost sharing with DPD/Provincial
<b>Sub Total of Amount Leveraged in NAD Only during First Quarter</b>						<b>48,500.00</b>	
<b>Sub Total of PPP developed in NAD Only during First Quarter</b>						<b>2</b>	
<b>Total of Amount Leveraged in HPP and NAD during First Quarter</b>						<b>84,500.00</b>	
<b>Total of PPP developed in HPP and NAD during First Quarter</b>						<b>6</b>	
<b>Second Quarter (Jan - Mar 07)</b>							
<b>Other HPP (Excluded NAD)</b>							
	1	Community Based Sanitation -	Bappedalda Prop Sumut	Public Sector	North Sumatra	555.00	The fund was used for construction of the facilities and ESP
	2	Development of Solid Waste Management	Dinas Kebersihan dan	Public Sector	East Java	278.00	For purchasing the composting (Takakura) and re-greening
	3	Development of Solid Waste Management	World Vision (FSN-USAID)	Private Sector	East Java	889.00	For purchasing composting equipment (Takakura) and solid
	4	Workshop Community Based Garbage	Nippon Koei	Private Sector	East Java	2,250.00	For purchasing the composting equipment (Takakura) for
	5	Training for Implement community based	Dinas Permukiman, Kebersihan	Public Sector	East Java	888.89	ESP provided support as the resource person for the training
	6	Study tour for Kepanjen community	Dinas Permukiman, Kebersihan	Public Sector	East Java	555.55	The fund was used to bring the community groups from
	7	Development of Solid Waste Management	Dinas Kebersihan dan	Public Sector	East Java	178.00	For purchasing the composting equipment (Takakura) for
	8	Land Rehabilitation in Tangsi Watershed	MAP and IOM	Private Sector	Central Java	2,000.00	MAP and IOM provided bamboo seedling and the community
	9	Land Rehabilitation in Tangsi Watershed	Forestry Services Office of	Public Sector	Central Java	5,000.00	The fund was used for purchasing seedlings for land
	10	Bond Issuance for PDAM Kab. Bogor	PT Danareksa	Private Sector	West Java	1,111.00	PT Danareksa fund the workshop for PDAM and ESP provided
	11	Sustainability Raw Water Resources for	BAPPENAS	Public Sector	North Sumatra	1,666.67	PT Danareksa fund the workshop for PDAM and ESP provided
<b>Sub-total of amount leveraged in HPP (excluded NAD) during Second Quarter</b>						<b>15,372.11</b>	
<b>Sub-total of PPP developed in HPP (excluded NAD) during Second Quarter</b>						<b>11</b>	
<b>Nanggroe Aceh Darussalam (NAD)</b>							
	1	Training in Spatial Planning for Local Government in Aceh Besar	GTZ, FFI, AIPR-Logica, WWF	Private Sector	Jantho, Aceh Besar	18,000.00	Cost sharing with partner organizations
	2	Training in Water Quality Testing using Del Aqua Kit	UNICEF, IRC, Oxfam, Dinkes	Private and Public Sectors	Meulaboh	9,000.00	Partner organizations paid for workshop and purchased 4 Del Aqua kits for 3 Puskesmas and 1 for Dinkes. ESP organized workshop
	3	Supporting community of Jruiek Balee in development of compost program	Dinas Pertanian and Dinas Peteranakan, Aceh Besar	Public Sector	Jruiek Balee	3,000.00	Purchase of equipment for composting project at Jruiek Balee by agriculture and animal husbandry departments of Aceh
<b>Sub Total of Amount Leveraged in NAD Only during Second Quarter</b>						<b>30,000.00</b>	
<b>Sub Total of PPP developed in NAD Only during Second Quarter</b>						<b>3</b>	
<b>Total of Amount Leveraged in HPP and NAD during Second Quarter</b>						<b>45,372.11</b>	
<b>Total of PPP developed in HPP and NAD during Second Quarter</b>						<b>14</b>	
<b>Third Quarter (Apr - Jun 07)</b>							
<b>Other HPP (Excluded NAD)</b>							
	1	Sanitation Strategic Planning	Dinas Permukiman, Kebersihan dan Pertamanan Kab. Malang	Public Sector	East Java	667.00	Support the operational of the Sanitation Working Group
	2	Installation of Small Scale Sanitation System	Deli Serdang Local Government	Public Sector	North Sumatra	16,255.31	For installation of small scale sanitation system. ESP cost sharing 50% with Deli Serdang Local Government. Location at Tembung Village, Percut Sei Tuan, Deli Serdang Regency
	3	Installation of Small Scale Sanitation System	Community: Kelompok Swadaya Masyarakat Bahagia Sejahtera	Private Sector	North Sumatra	3,988.89	Land contributed by the community of Tembung Deli Serdang. Location at Tembung Village, Percut Sei Tuan, Deli Serdang Regency
<b>Sub-total of amount leveraged in HPP (excluded NAD) during Third Quarter</b>						<b>20,911.20</b>	
<b>Sub-total of PPP developed in HPP (excluded NAD) during Third Quarter</b>						<b>3</b>	
<b>Nanggroe Aceh Darussalam (NAD)</b>							
	1	Coastal Rehabilitation	UN - FAO	Private Sector	Lamseunia, Aceh Besar	4,400.00	Purchasing the seedling and for funding of the tree-planting activities in the village. ESP provide technical support on community organizing
<b>Sub Total of Amount Leveraged in NAD Only during Third Quarter</b>						<b>4,400.00</b>	
<b>Sub Total of PPP developed in NAD Only during Third Quarter</b>						<b>1</b>	
<b>Total of Amount Leveraged in HPP and NAD during Third Quarter</b>						<b>25,311.20</b>	
<b>Total of PPP developed in HPP and NAD during Third Quarter</b>						<b>4</b>	

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**Environmental Services Program**

**Annual Summary of Achievement of Leveraging Other Funding to Support ESP Program (FN Outcome #3.g.) (Cont')**

Status: September 2007

Quarter	# of PPP	Program Name	Partner Organization	Type of Organization	Location	Amount Leveraged (\$)	Remarks
<b>Other HPP (Excluded NAD)</b>							
Forth Quarter (Apr - Jun 07)	1	Land Rehabilitation Program for Sumber Brantas Sub-DAS	Sub-district Government of Batu, PDAM, DKP (Dinas Kebersihan dan Pertamanan), Ikatan Dokter Gigi of Greater Malang (through GIRAB), Jasa Tirta, Perhutani	Public Sector	East Java	5,733.33	These stakeholders provide seedlings and cash to support the implementation of land rehabilitation program in Sumber Brantas sub-DAS
	2	Livelihood Program to Support Community Groups (LMDH) in 12 villages of Kota Batu	Dinas Pertanian Kota Batu	Public Sector	East Java	10,666.67	to provide cows for the community groups to support their livelihood and decrease the threats to the forests
	3	Strengthening Program for Community Organizations of LMDH in 12 villages of Kota Batu	Dinas Pemberdayaan Masyarakat Kota Batu	Public Sector	East Java	10,666.67	To support several capacity building activities for LMDH members to strengthen the LMDH organizations
	4	Development of Community Cooperatives of 3 LMDH in 3 villages of Kota Batu (Tlekung, Bulukerto, Girinouran)	Perhutani	Private Sector	East Java	4,166.67	To develop small scale bussiness of the community groups (LMDH) to support their agro-forestry activities
	5	Workshop on Sanitation Strategic Planning "Penjaringan Aspirasi Stakeholder"	Pemkab Malang	Public Sector	East Java	555	Workshop was conducted on 25 July 2007
	6	Workshop on ZAMP (drinking water zone development)	PDAM Kota Surabaya	State owned company	East Java	500.00	The event was jointly organized by PDAM Surabaya and ESP
	7	Tree planting	LSM Harapan Pulih Sentosa	NGO	East Java	130.00	The NGO provided tree seedlings
	8	Land Reclamation, Rehabilitation and conservation area Program in Tangsi Sub-DAS	Dinas Peternakan dan Perikanan Kab. Magelang	Public Sector	Central Java	105,555.56	The fund was used for purchasing seedlings and animal husbandry, construct small dam, and planting greens for animal. ESP provide technical support for increasing capacity of the community
	9	Support to the development of Community-based Water Supply in 9 villages of Tangsi Sub-DAS	Dinas Pekerjaan Umum	Public Sector	Central Java	38,888.89	The fund was used to purchase and install the transmission pipes and build xxxxx.
	10	Life skill Field School 6 villages in collaboration with 6 LMDH of Magelang District	Dinas Pendidikan dan Perhutani	Public Sector and Private Sector	Central Java	10,000.00	The fund was used to support the implementation of the Field School activities
Forth Quarter (Apr - Jun 07) - cont'	11	Optimizing Water Treatment Plant Aek Sarodik, Aek Parombunan, Aek Hopong	PDAM Tirta Nauli, Sibolga Municipality	Public Sector	North Sumatra	239,130.44	Budget form Central Government (DAK) and locac government. Assumption : 1USD = 9200
	12	Increasing raw water and transmission system for Kabanjaje Distribution system	PDAM Tirta Malem, Karo District	Public Sector	North Sumatra	195,652.18	Budget form Central Government (DAK) and local government. Assumption : 1USD = 9200
	13	Optimizing Distribution System	PDAM Tirta Wampu, Langkat District	Public Sector	North Sumatra	217,391.30	
	14	Optimizing Water Treatment Plant Sarodik phase I	PDAM Tirta Nauli, Sibolga Municipality	Public Sector	North Sumatra	108,696.00	
<b>Sub-total of amount leveraged in HPP (excluded NAD) during Forth Quarter</b>						<b>947,732.70</b>	
<b>Sub-total of PPP developed in HPP (excluded NAD) during Forth Quarter</b>						<b>14</b>	
<b>Nanggroe Aceh Darussalam (NAD)</b>							
I							
<b>Sub Total of Amount Leveraged during Forth Quarter</b>						<b>-</b>	
<b>Sub Total of Total PPP during the Forth Quarter</b>						<b>-</b>	
<b>Total of Amount Leveraged in HPP and NAD during Forth Quarter</b>						<b>947,732.70</b>	
<b>Total of PPP developed in HPP and NAD during Forth Quarter</b>						<b>14</b>	
<b>Total Achievement of the Amount Leveraged in HPP(excluded NAD) during FY 2007</b>						<b>1,020,016.00</b>	
<b>Total Achievement of the PPP Developed in HPP (excluded NAD) during FY 2007</b>						<b>32</b>	
<b>Total Achievement of the Amount Leveraged in NAD Only during FY 2007</b>						<b>82,900</b>	
<b>Total Achievement of the PPP Developed in NAD Only during FY 2007</b>						<b>6</b>	
<b>Total Achievement of the Amount Leveraged in HPP(excluded NAD) during FY 2005 and 2006</b>						<b>1,919,200</b>	
<b>Total Achievement of the PPP Developed in HPP (excluded NAD) during FY 2005 and 2006</b>						<b>23</b>	
<b>Total Achievement of the Amount Leveraged in NAD Only during FY 2005 and 2006</b>						<b>12,296,000</b>	
<b>Total Achievement of the PPP Developed in NAD Only during FY 2005 and 2006</b>						<b>8</b>	
<b>Total target of amount leveraged to support ESP program over the life of the project</b>						<b>15,000,000</b>	
<b>Total target of PPP developed to support ESP program over the life of the project</b>						<b>50</b>	
<b>To Date Achievement of the amount leveraged in HPP and NAD</b>						<b>15,318,116</b>	
<b>To Date Achievement of the PPP developed in HPP and NAD</b>						<b>69</b>	
<b>To date percentage of achievement on total amount leveraged in HPP and NAD</b>						<b>102.12%</b>	
<b>To date percentage of achievement on total PPP developed in HPP and NAD</b>						<b>138.00%</b>	



## **ENVIRONMENTAL SERVICES PROGRAM**

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