



Philippine Sanitation Alliance

9th Quarterly Report

October to December 2009

Prepared by AECOM International Development for USAID/Philippines under Cooperative Agreement No. 492-A-00-07-00023-00

I. Executive Summary

During the quarter, Gawad Kalinga (GK) reported on five communities where it installed anaerobic baffled reactor treatment systems following technical assistance from PSA. This provided improved sanitation to 655 people, and funds leveraged. Funds were also spent by the Negros Oriental Provincial Hospital to build a wastewater treatment facility with engineering designs and construction oversight provided by PSA partner Bremen Overseas Research and Development Association (BORDA). PSA partners Calamba and Laguna Water Districts spend funds on PSA workshops and site visits to learn about wastewater technology options. More than \$209,000 was leveraged during the quarter.

The Calamba City Council approved a sewerage and septage management ordinance, and workshops were held on promotions and development of the implementing rules and regulations. Seven other workshops and training sessions were held with partner cities and water districts to develop promotion campaigns and wastewater treatment projects.

PSA staff supported several study tours and training programs for water districts in Manila with support from the Local Water Utilities Administration (LWUA), the Metropolitan Waterworks and Sewerage System (MWSS), and MWSS concessionaires Manila Water and Maynilad Water and in Visayas and Mindanao in cooperation with the Philippine Water Revolving Fund-Support Program. Two PSA-supported projects were approved for funding under the USAID-Rotary Water Alliance grant program, one to improve the Pasig River and the other to develop sewerage and septage management in San Fernando, La Union. PSA also signed an MOU with the Metro Cebu Water District and the local governments of Lapu-Lapu and Cordova to collaborate on septage management.

II. Results Achieved

Achievement of performance indicators and results are off to a good start for the fiscal year. A slowdown in the middle of the year is expected due to the national and local elections.

Summary of Results

Indicator	FY08 and FY09 Results	9th Qtr Results	FY10 Target	Project Target
1. Number of people in target areas with access to improved sanitation facilities as a result of USG assistance (disaggregated by gender).	126,297 men 191,102 women 317,399 total	219 men 436 women 655 total	300,000	1,200,000
2. Number of feasibility and special studies/plans prepared	8	0	2	12
3. Amount of non-USAID financing mobilized for sanitation projects and facilities.	\$2,029,074	\$209,639	\$722,800	\$3,477,805
4. Number of people trained in environmental law, enforcement, public participation, and cleaner production policies, strategies, skills and techniques, disaggregated by gender.	1,562	128 men 73 women 201 total	-	1500
5. Number of people trained in child health and nutrition through USG-supported health area programs.*	44 men 143 women 187 total	-	700	1500
6. Increase in the percentage of mothers of children under five who can cite at least 2 measures to prevent diarrhea.	-	-	25%	25%
7. Increase in the percentage of students who, while at school, observably wash their hands with soap and clean water after using the toilet to prevent diarrhea.	-	-	25%	25%
8. Number of pollution and urban environment policies, laws, agreements or regulations implemented as a result of USG assistance.	2	1	1	5
9. Number of hygiene-related policies, laws, agreements or regulations implemented as a result of USG assistance.	-	-	0	2
10. Number of wastewater treatment projects developed by PSA partners	-	-	1	8

that reduce pollution to levels that meet the government's effluent standards.				
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Details of Results

1.

Project	Men	Women	Total
GK-Mauban Quezon Province	33	47	80
GK-Ayusan Tiaong, Quezon Province	39	91	130
GK-Colgate Palmolive – Sitio Pajo QC	78	182	260
GK-Mayao Crossing, Quezon Province	24	56	80
GK-Sagip Kapamilya, Infanta Quezon Prov.	45	60	105
TOTAL	219	436	655

2. None.

3.

Private Sector	\$10,748.84	Cash	\$200,624.68
Public Sector	\$198,889.89	In Kind	\$9,014.05
Total	\$209,638.73	Total	\$209,638.73

Leveraged funds included wastewater treatment systems built by PSA partners: Negros Oriental Provincial Hospital; GK communities in Quezon Province (Mayao Crossing, Infanta, Mauban, Tiaong), GK communities in Sitio Pajo, Quezon City. PSA partners Calamba and Laguna Water Districts spend funds on PSA workshops and site visits to learn about wastewater technology options. (See attached summary in Excel. Cost share sheets from each partner are available upon request.)

4.

People Trained	Men	Women	Total
Septage Management Program and Promotions-October 26-27,2009-Cagayan de Oro City	12	5	17
Promotions and Ordinance Meeting-October 29-30,2009-Naga City	11	2	13
10-Step Promotion Toolkit Workshop-November 12-13,2009-Cebu City	16	18	34
Septage Management and Promotions Program-November 18-19,2009-Calamba City	17	3	20
Stakeholders' Consultation and Planning Workshop-November 24, 2009-Laguna	33	21	54
Technical Working Group Meeting-November 25,2009-Laguna	5	5	10
Technical Briefing and Orientation on Septage Management-Cebu City-December 9,2009	20	12	32
Pre-Testing of Survey Instrument on Septage Management Program-Cebu-December 10, 2009	14	7	21
Total for Quarter 9	128	73	201

5. None
6. None
7. None
8. Calamba City Council Approved Sewerage and Septage Management Ordinance
9. None
10. None

III. Summary of Major Accomplishments

A. PSA Supports Septage Management Programs of Local Governments

On October 12 and 13, four water districts and their local government counterparts participated in an exchange visit organized by the PSA with support from the Local Water Utilities Administration (LWUA), the Metropolitan Waterworks and Sewerage System (MWSS), and MWSS concessionaires Manila Water and Maynilad Water. The 2-day event was organized for the participants to learn more about innovative approaches to establishing septage management programs, including implementation arrangements, practical problem solving, policy and funding support. Participants came from the Iloilo City government, Metro-Iloilo Water District, Roxas City government, Metro-Roxas Water District, Bacolod City Water District, and Laguna Water District. LWUA Acting Administrator Danny Landingin underscored the importance of water utilities' participation in sustainable sewerage and septage management programs.

Presentations included Models for Developing a Septage Management Program, Unbundling the Septage Management Services, Innovative Partnership on SMP between Marikina City and Manila Water, Implementation of Septage Collection, Transportation, Treatment, and Disposal of Residuals, Elements of a Septage Management City Ordinance, and Funding SMPs: Costs, Sustainability, and Public-Private Partnerships. The participants visited the septage treatment facilities of Manila Water in Taguig City, and the septage treatment facility of Maynilad Water in Kalookan City. The participating water districts and their respective LGU counterparts will now explore funding for a feasibility study for their individual LGUs.

As follow-up activity, LWUA will pursue similar exchange visits for other water districts to assist them in their sanitation programs. MWSS has committed to assist interested water districts that would like to know more about septage management and sanitation in general.

B. LWD Kicks Off Its Septage Management Program for Four LGUs in Laguna

On October 9, the Laguna Water District (LWD) and representatives of the LGUs of Los Baños, Bay, Calauan, and Victoria met and discussed the work plan and technical working group composition for the proposed septage management program. The proposed program will benefit about 250,000 from the four towns. PSA Senior Project Coordinator Jay Tecson facilitated a roundtable discussion on the approach, methodology, and activities. In November, the four LGUs and LWD will organize the technical working group (TWG) and prepare for a multisectoral consultative workshop.

C. Rotary Grants Approved

PSA staff and consultants arranged and attended meetings and site visits for Peter Boucher, a member of the Cadre of Experts of Rotary International, from October 15 – 18. The meetings focused on the two projects proposed by the PSA for the USAID/Rotary Water Collaboration: the Pasig River Improvement Project and the San Fernando City Septage Management and Sewerage Project. For the Pasig River project, Mr. Boucher, PSA staff, Rotarians and local partners had meeting and site visits in Sta. Ana and Baesa, and met with the mayor and staff of the City of Manila. Then Mr. Boucher accompanied PSA staff to San Fernando City, La Union. Following Mr. Boucher's favorable recommendations, the two projects were approved by the Rotary Foundation board in late October.

D. PSA Presentations

On October 23, Dave Robbins, PSA's Sr. Sanitation Advisor gave a presentation at the TAO Pilipinas Young Professionals seminar in Antipolo City on the methods of designing sustainable wastewater systems for housing communities. Founded in 2005, TAO Pilipinas is a women-led, non-profit, non-governmental organization of professionals in the field of architecture, planning and engineering. Their annual Young Professionals program is geared toward teaching the methods of sustainable design, and this year featured wastewater treatment. Other speakers from Manila Water, MWSS, University of the Philippines, and the Center for Advanced Philippine Studies rounded out the event.

On October 15 and 16, Dave Robbins, PSA's Sr. Sanitation Advisor, presented at the first annual conference and exhibit on Mitigating Greenhouse Gas Emissions from Livestock and Agro-Industrial Waste. The event was sponsored by the United States Environmental Protection Agency, Philippine Department of Environment and Natural Resources, and Philippine Department of Science and Technology. The seminar focused mainly on methane capture wastewater systems for hog farms, distilleries, and slaughterhouses. The PSA exhibit booth and presentation were geared toward mainstreaming and raising awareness of methane capture systems for publically-owned facilities, including those for septage management, public markets and slaughterhouses. PSA may offer some technical assistance to the USEPA and the DOST as they design training programs designed to help local governments develop wastewater systems for their public facilities as the Methane to Markets program expands in 2010.

E. CDO Conducts Pre-Investment Forum for Septage Management

A half-day pre-investment forum on the proposed septage management program was held October 26 in Cagayan de Oro City with private companies that may be interested in participating in septage collection and treatment. The technical working group (TWG) with PSA staff Jay Tecson and Nene Narvaez gave an overview of the planned septage management program of the city and solicited the companies' comments, issues and concerns regarding the program and planned public bidding. The Hon. Councilor Emmanuel D. Abejuela, Chairman of the City Council Infrastructure Committee, underscored the importance of the program and reiterated the City's support for implementing the program with private sector participation. The participants were given an overview of various ways the private sector can participate in the septage management program and examples of recent experiences on public-private partnerships.

The pre-investment forum was followed by an internal TWG meeting to develop the terms of reference (TOR) for the program. In the terms of reference, it is most likely that the city will be engaging the private partners in the construction of a septage treatment facility. Next steps include project development in November, which includes facility design, siting and mapping, pre-feasibility study preparation, and review of the TOR. In December, a presentation is being planned for the mayor to decide on schematics and orient on him on the recommended financial arrangements. Early next year, the TWG will prepare the final bid documents and present them to the city council and mayor.

F. Naga Pursues Metro-wide Septage Management

Under the joint auspices of the City of Naga and the Metro Naga Water District (MNWD), the planned metro-wide septage management program has reached the final stages of detailed engineering. With an initial budget of P10 million for site development, the water district has applied for an environmental compliance certificate and is now completing requirements for the locational clearance from the Municipality of Magarao. To fulfill this requirement, the barangay and municipality need to endorse the project. The TWG is currently embarking on an aggressive consultation and promotion campaign to inform, educate, and gain approval of stakeholders. The TWG, through a series of Save the Watershed Seminar-Workshops, has gathered more than 400 health workers in the different local government units (LGUs) within its service area, namely Naga City, and the Municipalities of Magarao, Camaligan, Gainza, and Calabanga. The seminar-workshops provided an opportunity to discuss environmental programs on watershed protection, wastewater management (including the planned septage management program), solid waste management, and climate change. PSA Senior Project Coordinator Jay Tecson and Senior Finance Specialist Nene Narvaez joined the dialogue on October 30 with barangay councilors and zone leaders conducted by the TWG in Barangay Carangcang, host of the planned facility. They also met with the municipal officials of Magarao on October 29 to explain the project further and gain their support.

Naga City Councilor Hon. Badette Roco, who heads the City Council Environment Committee, is in the final stages of crafting the Naga City Ordinance for Septage Management. It will be finalized once the septage treatment service fee is set. This ordinance will be used as template for other LGUs involved in the program for their respective ordinances. Councilor Roco underscored the importance of the ordinance and will encourage his councilors to support it during the Nov. 4 regular session of the city council. The TWG will present during the Carangcang barangay public hearing on November 16 and kickoff the promotion campaign to support implementation of the program. The treatment facility will use septage lagoons and will cost a total of P67 million. It is expected to begin operations in mid-2010.

G. PSA Celebrates Global Handwashing Day

To celebrate Global Handwashing Day, the PSA participated in the Philippine Symposium on Sustainable Sanitation (PSSS) in Makati City from October 15 to 16, and in a handwashing promotion event at the Lucas Pascual public elementary school in Baesa, Quezon City. Together with representatives of other donor organizations, USAID Acting Mission Director Elzadia Washington gave opening remarks at the PSSS, while Chief of Party Lisa Lumbao made a presentation on PSA's work and its partner LGU initiatives. Senior Finance Specialist Nene Narvaez presented on PSA Financing Schemes for Sanitation Programs for Local Governments. Senior Project Manager Jay Tecson presented the synthesis of the two-day conference.

The PSSS was spearheaded by the Department of Health and the Department of the Interior and Local Government in cooperation with the Stockholm Environment Institute's Knowledge Node in the Philippines and the Philippine Ecological Sanitation Network (PEN). The 2-day event was attended by almost 200 participants mostly from local government units, water districts, NGOs, donor agencies, and industry practitioners. The objectives of the symposium were to promote sustainable sanitation and hygiene concepts, ideas and principles among major sanitation stakeholders and decision makers, to share and inform the participants on major policy reforms and programmatic efforts by key stakeholders and support institutions, to gather leading institutions who have embarked on essential programs, innovative projects and good practices on sustainable sanitation and hygiene for everybody to learn from, and to sustain the momentum of sanitation initiatives created by the 2008 International Year of Sanitation and the National Sanitation Summits of 2006 and 2008.

In Baesa, Quezon City, PSA facilitated a handwashing event jointly organized by Maynilad Water Services and Rotary District 3780, which will be implementing the Baesa portion of the Rotary-USAID Pasig River Improvement Project. During the October 15 event, Maynilad unveiled the handwashing and drinking water station they built at the school, and a group of about 500 students were taught proper handwashing technique by a Quezon City health officer who led the singing of a Tagalog handwashing song. The children were entertained by the Maynilad mascot, student and teacher dance numbers and the school band. Short speeches were made by the school principal, the president of Maynilad, the district governor of Rotary District 3780, the president of the Rotary Club of Talipapa, and the captain of Barangay Baesa.

H. Sta. Rosa Launches Volunteer Organization

On October 10, the Anak Sta. Rosa volunteer organization held its first general assembly and mass oath-taking. PSA Chief of Party Lisa Lumbao gave a brief speech to the group of about 500 young people, stressing the importance of personal responsibility in caring for the environment. The volunteer group was very active in responding to the aftermath of tropical storm Ondoy. PSA Senior Communications Specialist Andrea Echavez also attended the event in support of PSA's partners—the head of the PSA Promotions Team is the Anak Sta. Rosa City Coordinator.

I. MCWD signs MOU with Lapu-Lapu and Cordova on Septage Management

The Metropolitan Cebu Water District signed a memorandum of understanding with the local governments of Lapu-Lapu and Cordova and the PSA and Philippine Water Revolving Fund Support Program (PWRP-SP) projects on November 12, 2009 to pursue the implementation of a comprehensive septage management program for Mactan Island. Present during the signing were Mayor Adelino Sitoy of Cordova; MCWD General Manager Armando Paredes; Ms. Joy Jochico of USAID/Philippines; Ms. Alma Porciuncula, COP of PWRP-SP; and Ms. Lisa Kircher Lumbao, COP of PSA. Lapu-Lapu Mayor Arturo Radaza, through a representative, expressed full support and commitment to the program. Representatives of the two LGUs, MCWD and different stakeholders were present to witness the MOU signing, which was covered by local media.

After the MOU signing, members of the Promotions Team of Lapu-Lapu City and the Municipality of Cordova convened at the MCWD office for a 1 1/2 day workshop on the USAID 10 Step Promotion Program Toolkit. PSA Consultants Jay Tecson and Andrea Echavez facilitated the workshop. At the end of the workshop, the two LGUs came up with their

respective survey instruments to be used in assessing their information needs for the implementation of a behavior change campaign.

Members of the Promotions Team requested a technical training to enable them to understand the bigger picture of the septage management program. It was conducted December 9 and 10 by PSA Consultants Jay Tecson and Andrea Echavez. The interim Technical Working Group comprised of 32 participants from different stakeholder groups in Cebu City, Cordova and Lapu-Lapu City participated. During the first day, PSA Consultant Jay Tecson gave technical inputs on septage management, including the different options that LGUs can choose from. MCWD (Metro Cebu Water District) representative Angelo Cabije gave an overview of the feasibility study funded by USAID on the planned SMP in Cebu.

On the promotions aspect, PSA Consultant Andrea Echavez shared the successful promotions program on septage management implemented by Marikina City. She also facilitated a workshop on research where participants were divided into groups and asked to conduct a survey through role-playing. On the second day of the workshop, participants pre-tested the draft research instrument among target respondents in Cordova and Lapu-Lapu City. The interim TWG also met with Lapu-Lapu City Vice-Mayor Mario Amores, who expressed the LGU's commitment to the program. However, more groundwork needs to be done with Lapu-Lapu City as there appears to be a misunderstanding on the role of the LGU vis-a-vis the rationale behind the implementation of the SMP. The TWG is planning to do an exposure trip to Dumaguete and Bayawan in January.

J. PSA Supports PAWD-PWRF Training on Septage Management

From November 10 to 13, the Philippine Association of Water Districts (PAWD) conducted training on septage management for its members from Mindanao and Visayas. With assistance from the Philippine Water Revolving Fund Support Program (PWRF-SP) and the Philippine Sanitation Alliance Project (PSA), the water districts learned about developing, implementing, and promoting septage management programs in their localities in compliance with the Clean Water Act. The Mindanao water districts attended the training in Davao while those from the Visayas attended in Cebu. Water districts coming from Luzon attended the training in Manila December 3-4.

PSA Senior Project Coordinator Jay Tecson presented on Promotions for Water Districts, which utilized the 10-Step Promotion Program Toolkit recently developed with assistance from USAID. He also shared information on successful campaigns, notably the Marikina septage management promotion campaign that measured the impact of the campaign using a baseline and post-campaign surveys. The training made use of the business model and toolkit developed by PWRF-SP. More than 22 water districts attended these two training sessions. PAWD President Delfin Hilario, in his speech, pledged continuing support for the development of septage management and sanitation programs among their water district members as part of their commitment to delivering better services to their customers.

K. Sta. Rosa Hospital Treatment Plant Now Operational

The Sta. Rosa Community Hospital Wastewater Treatment Plant is now operational. PSA Senior Sanitation Specialist Lito Santos conducted an operators' training on November 11. Participants included City Environment and Natural Resources Office (CENRO) staff led by Linda Creencia, City Engineering Office staff and hospital engineering staff. A presentation on operations and maintenance was followed by a lively Q & A session and discussion. A visitor

from the Laguna Provincial Engineering Office joined the on-site orientation in the afternoon in which the participants were shown how to operate the plant. Relatively clean effluent is being produced by the plant, and it will become cleaner once the connections to the septic tanks are improved.

L. Briefing for the Media on Dumaguete's Septage Management Program

On November 19th and 20th, PSA Sr. Water and Sanitation Advisor Dave Robbins and PSA Promotion Specialist Andrea Trinidad met with the Dumaguete Press Corps to discuss the progress of the septage treatment facility that is being constructed for that city. The city government requested PSA to attend the press briefing to ensure that the technical issues of the project were properly addressed. The Dumaguete septage management program is a combined effort by the water district and the city government to provide septage collection and treatment for the city's 120,000 residents. The press briefing is the launching point for the promotions campaign, which will involve the print and broadcast media outlets and include radio and TV spots, posters and flyers. The Dumaguete septage treatment plant is scheduled for completion in January 2010 and the septage collection program is scheduled to start in April 2010.

M. PSA Assists Calamba Water District to Scale-up SMP Promotions

The first workshop of the Promotions Team supporting the Septage Management Program of Calamba Water District took place at the water district office on November 18-19, 2009. The workshop was facilitated by PSA consultants Jay Tecson and Nene Narvaez. The Promotions Team is composed of representatives from the academe, NGOs, barangay officials, businessmen, media, resorts association and concerned staff of the water district. The promotion program will focus on increasing support for the septage management and sewerage system that will be developed within a 60-meter radius from the Bucal Spring, the main source of water of the city.

Following the 10-Step Promotion Program Toolkit, the team examined the issues that may need to be addressed before pursuing the program. The team identified the main problems of Calamba residents regarding sanitation and prepared to gather data that will facilitate project development and strategy formulation. Their inputs play a vital role in ensuring that the proposed septage management program and sewerage system are initiatives that people will find valuable and choose to support.

N. PSA Participates in WWF Workshop in Sta. Rosa

On November 24, Dave Robbins, PSA Sr. Water and Sanitation Advisor, presented at the workshop entitled, "Stakeholder Consultation and Validation of the Terms of Reference for the Preparation of Drainage and Engineering Plans for the Santa Rosa Watershed." The workshop, spearheaded by WWF, was designed to gather technical feedback from various experts on the proposed terms of reference (TOR) for the design of a comprehensive drainage and sewerage system developed in part to protect Laguna de Bay. The TOR is expected to be published in December 2009, and a consulting firm hired by February 2010. Results of the consulting contract will be a 25-year master plan for flood control and sewerage implementation complete with a design report and engineering plans for the required infrastructure. PSA will continue to assist WWF and the City of Santa Rosa as they move forward in developing appropriate long-term plans for sanitation infrastructure.

O. Laguna Towns Kick Off Septage Management Program

During a 1-day consultation workshop conducted on November 24, four municipal governments in Laguna – Los Banos, Calauan, Bay, and Victoria – and the Laguna Water District (LWD) launched their planned septage management program. The event presented the rationale for the program, the current status of the water environment in the four towns, basic information on septage management, and best practices from Muntinlupa City and Marikina City. In the afternoon, a workshop was held to discuss actions that can be implemented to develop and implement the septage management program in Laguna. The outputs of the workshop will be used by the TWG to prepare a structured program for the four Laguna towns.

The next day, the LWD hosted the first TWG meeting which formalized the group and identified the three sub-groups' leads (Technical, Promotion, and Ordinance Work). In the meeting, important issues that may affect project implementation were raised and discussed by those present. A site selection and technology review session is being scheduled for the next meeting.

P. Calamba City Council Approves Sewerage and Septage Management Ordinance

After hearing public comments on the Calamba City Sewerage and Septage Management Ordinance from owners, members, and staff of the affected households and establishments on November 20, 2009, the city council approved it on December 1, 2009. Resolution No. 317 was sponsored by Councilor LV G. Baroro, the chairman of Environmental Committee. It requires that all those located within a 60 meter radius of the Bucal Spring, the city's main source of drinking water, must connect to the sewerage system that will be developed by the Calamba Water District. A septage management program (SMP) shall also be implemented. The SMP requires the installation of pre-treatment equipment/apparatus, use of proper septic tank design and regular desludging of septic tanks once the treatment facility is built. Certain penalties will be imposed depending on the number of violations incurred by the household or commercial establishment. The ordinance will be forwarded to the Mayor for his final approval.

Subsequent to the passage of the ordinance by the city council, a workshop on the formulation of implementing rules and regulations (IRR) was conducted on December 17-18. It was facilitated by PSA consultants and attended by the city health officer, representatives from the office of the building official and city planning, private developers, media and officers and staff of the Calamba Water District headed by Chairman Liquido. The participants reviewed the impact of the ordinance on the residents and commercial establishments and set specific guidelines to avoid misunderstandings. The draft IRR will be sent to concerned LGU offices for their comments in January 2010.

Q. Rotary Projects Launched

The five projects funded by the USAID-Rotary Water Alliance were formally launched by US government and Rotary officials at the Tower Club in Makati on December 15. PSA staff assisted in planning the event, which included representatives from the Rotary districts and clubs and USAID project partners. The PSA also invited representatives from the City of Manila and Metro Manila Development Authority since they are involved in the USAID-Rotary Pasig River Improvement Project. The Baesa portion of the Pasig River project will be launched on January 8 in Baesa, and the Sta. Ana and Paco portions will be launched on January 13 in Sta. Ana. MOUs will be signed during both launches.

IV. Management and Finance

The project is on track in terms of overall management, reporting and expenditures. Information on training programs is updated on the TraiNet system. A consultant has been hired to assist with the USAID-Rotary project in San Fernando. Project resources are being concentrated during the first two quarters, before the election period. Clarification has recently been received on the VAT exemption certificate reports, so they will be submitted during Quarter 10. AECOM recently updated its inventory list and will request approval to dispose of two nonfunctioning computers and follow up on the request to transfer the furniture and equipment from LINAW to PSA.

V. Performance Objectives for Next Quarter

During the next quarter, AECOM will focus on the following major activities:

1. Launching of the two USAID-Rotary projects and start of implementation;
2. Development of a PSA website;
3. Continued assistance focused on development of septage management programs and promotions campaigns; and
4. Participate in and support the East Asia Ministerial Conference on Sanitation.