



Wastewater and Solid Waste Management in Provincial Centers

NEW SLETTER

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The '**Wastewater and Solid Waste Management Program**' contributes to improved environmental conditions in, at present, six provincial centers through comprehensive wastewater management, comprising the enhancement of existing waste water collection systems and the construction of new waste water treatment facilities, and/or through improved collection and disposal of domestic solid waste. Capacity development for related municipal/provincial service providers and other relevant institutions assure the sustainable use of the facilities and contributes to improving customer services.

The Vietnamese partner cities/provinces include: Bac Ninh, Hai Duong, Vinh/Nghe An, Can Tho, Tra Vinh and Soc Trang. The German partner institutions include KfW-Development Bank, GTZ-German Technical Cooperation, and DED-German Development Service.

Component: TC Component 2 - Capacity Development Wastewater Management

Perspective: Asset Management

Activity: O&M Training Module 4: 'Emptying septic tanks and installing new house connections'

Location: Soc Trang and Hai Duong

Date: May 2009

The Corporate Development Plan (CDP) of each participating Wastewater Management Company comprises three focal areas with regards to strengthening capacities on wastewater asset management, including:

- The development and application of asset management guidelines;
- Graphic and numeric documentation of fixed assets; and
- The improvement of asset operation and maintenance (O&M).

With regards to capacity building on assets operation and maintenance (O&M), the WWM advisors have agreed with the wastewater companies to conduct nine training modules.

In May 2009, the third O&M training (Module 4) on Emptying septic tanks and installing new house connections using currently available equipment and tools (suction vehicles) was implemented by the WWM advisors. This training module is specifically designed for the following staff of the wastewater companies: The technical and planning departments, operators of suction vehicles, companies' directors, representatives of People's Committees and specialized departments.

The training module was implemented in Soc Trang for three companies in the South (including Soc Trang, Tra Vinh and



Can Tho) and in Hai Duong for two companies in the North (including Bac Ninh, Hai Duong). A total of 40 participants could be trained in the two courses.

The objectives of the training courses are:

- Trained staff will understand the basics of works (planning and implementation) related to emptying septic tanks with suction vehicles and the installation of new household connections;
- Trained staff will be enabled to document achieved work results in accordance to agreed standard forms;
- Relevant administrative and technical SOPs will be reviewed and available for daily use; and
- Work order/report forms will be reviewed and available for daily use.



The combination of different companies in one training course is believed to facilitate the exchange of cross-border experiences. Class room training and coaching as well as practical on-the-job trainings at sites were applied. Since the participant's active participation in trainings is a basic requirement to all WWM training courses, visualization tools (metaplan-boards, LCD, flip charts) were applied to facilitate presentations, group discussion and the use of existing suction vehicle for demonstration.

The two training courses were successfully implemented and entirely met the participants expectations.

The WWM advisory team likes to thank all participants for their enthusiastic contributions. Particular credit goes to Soc Trang and Hai Duong wastewater companies for their support in making all required equipment and tools available.