

The Drainage System Plan

1. Rainwater drainage facilities

As of yearend 2004, the complete trunk line of the planned rainwater drainage system of Taiwan has a total length of 6,715.29 kilometers, out of which 59.51%, or 3,996.83 kilometers, has been completed. As for completion rate, the highest performance is noted in the Taipei City plan, 95.24%; followed by Kaohsiung City with a 95.10% completion rate. Taiwan Province trailed with 53.78%.

2. Sewage drainage facilities

A. Sewage drainage channel availability rate

As of yearend 2004, there were 1,605,130 sewage drainage households in the Taiwan and Fukien, and the availability rate was 28.3%, up by 4% from 24.3% of the end of the previous year (2003). The availability rate of public sewage drainage channels was 12.5%; the availability rate of special sewage drainage channels was 10.1%, up by 1% from 9.0% of the end of the previous year. The establishment rate of building sewage drainage facilities was 5.7%, up by 1.3% from the end of the previous year. The service fee income of 2004 was NT\$652,055,000, up by 14.4% from the previous year. CMD was over 1,830,000 tons, up by 26.6% from the previous year.

B. Budget allocated for sewage drainage facility

In 2004 the total amount of the budget the government allocated for sewage drainage facility was NT\$10,287,334,000, up by 15.5% from NT\$8,904,250,000 of the previous year (2003). Out of this total amount, NT\$7,699,085,000 or 74.55% went to construction expenses; NT\$2,356,670,000 or 22.91% went to land procurement cost; NT\$226,212,000 or 2.20% went to planning and design fees.

C. Status of sewage drainage system operation

In 2004, operating and management expenses of the sewage drainage system

amounted to NT\$1,224,641,000, up by 4.79% from NT\$1,168,683,000 in 2003. As for expense allocation, NT\$469,907,000 or 38.37% went to personnel expense, NT\$289,914,000 or 23.67% went to electrical bills, and 64,906,000 or 5.30% went to the maintenance.

D. Sewage drainage pipes and facilities

In the matter of constructed pipeline length and dimensions, as of yearend 2004, 600mm diameter pipes have been installed into 1,265,770 meters of the sewage drainage pipeline; around 300-500mm diameter pipes have been installed to 780,408 meters of the pipeline and small diameter pipes of 300mm and under have been installed into 898,233 meters of the pipeline. In terms of sewage treatment facility, 23 treatment facilities, 86 pumping stations, and 48 water filtering stations have been constructed.