

## The Drainage System Plan

### A. Rainwater drainage facilities

As of yearend 2003, the complete trunk line of the planned rainwater drainage system of Taiwan has a total length of 6,629.85 kilometers; construction of 57.76% of the trunk line has been completed. As for completion rate, the highest performance is noted in the Taipei City plan, 94.77%; followed by Kaohsiung City with a 94.11% completion and Penghu County with an 89.88% completion.

### B. Sewage drainage facilities

#### (A) Sewage drainage channel availability rate

As of yearend 2003, the sewage drainage channels in the Taiwan and Fukien had an availability rate of 19.9%, slightly up by 1.1% over the 18.8% yearend rate of the previous (2002) year. In terms of function, 10.8% of the channels are linked to lines of public sewage drainage users and 9.1% are linked to the lines of special sewage drainage users (e.g. residential areas with over 100 households or 500 residents; industrial zones).

#### (B) Status of the sewage drainage facility

As of yearend 2003, construction work on 18 systems in the Taiwan and Fukien area sewage drainage system has been completed; moreover, 49 systems are currently undergoing construction.

#### (C) Status of the sewage drainage plan

As of yearend 2003, planning work on 61 subsystems of the sewage drainage system has been completed, and these subsystems are ready for construction; however, 18 subsystems are still under planning.

#### (D) Sewage drainage pipes and facilities

In the matter of constructed pipeline length and dimensions, as of yearend 2003, 600mm diameter pipes have been installed into 1,109,450 meters of the sewage drainage pipeline; around 300-500mm diameter pipes have been installed to 721,180 meters of the pipeline and small diameter pipes of 300mm and under have been installed into 813,769 meters of the pipeline. In terms of sewage treatment facility, 22 treatment facilities, 74 pumping stations, and 50 water filtering stations have been constructed.

(E) Status of sewage drainage system operation

In 2003, operating and management expenses of the sewage drainage system amounted to NT\$1,168,683,000; that is, around 12.74% less than the annual expense of the previous year (2002). As for expense allocation, NT\$429,571,000 or 36.8% went to personnel expense, NT\$376,865,000 or 32.25% went to electrical bills, and 55,180,000 or 4.72% went to the compensation fund.