

Construction of water-supply pipes and sewers

A. Construction of rainwater sewer system

The length of rainwater sewer construction in the urban development project by the end of 2006 was 6,856.0 kilometers and 4,202.0 kilometers have been completed; 3,304.3 kilometers in Taiwan Province, 518.1 kilometers in Taipei City and 379.6 kilometers in Kaoshiung City. The implementation rate of rainwater sewer construction is 61.3%; 96.7% in Kaoshiung City, 95.9% in Taipei City and 55.8% in Taiwan Province. Among Taiwan Province, implementation rate in Penghu is 90.3%, and the percentage is lower than eighty in the rest of the counties.

B. Sewage sewer construction

Sewage sewers are sewers for family and industrial sewage. The whole sewage treatment rate includes public sewage sewer available rate, special sewage sewer available rate and the implementation rate of building sewage systems.

1. Sewage treatment rate

By the end of 2006, the number of sewage treatment units of the country was 2,014,250 and the sewage treatment rate was 35.2%. The unit number of public sewage sewer was 891,089 (15.6% available rate); 666,142 units (11.6%) of special sewage sewer (in the scale of 100 units / 500 people or more in the communities and industrial districts) and units with the implementation of building sewage systems are 457,019 (8.0%). The usage fee in 2006 was 767,988,000 dollars and the CMY was 8,702,400,000 tons, which increased 4.7% compared with that in 2005.

2. Expense of sewage sewer construction

The total expense of sewage sewer construction was 12,413,661,000 dollars in 2006; the construction fee was 11,689,491,000 dollars (94.2%), followed by 408,478,000 dollars (3.3%) of land fee and 314,092,000 dollars (2.5%) of planning fee. The expense of Taipei City was 2,455,943,000 dollars, 2,369,252,000 dollars for Taipei County, 1,475,933,000 dollars for Kaoshiung City and 1.3 billion for Hualien County.

3. Sewage sewer system management fee

The sewage sewer system management fee in 2006 was 1,578,863,000 dollars; 487,614,000 dollars (30.9%) for personnel fee, 449,318,000 dollars (28.5%) for electricity and 130,481,000 dollars (8.3%) for maintenance fee.

4. Sewage sewer pipes and facilities

The length of sewage sewer pipe diameter 600mm or above was 550,876 meters, the length of pipe diameter 300mm – 600mm was 1,047,414 meter and 2,113,160 meter for pipe diameter 300mm or below. In terms of sewage treatment facilities, there are 33 water treatment plants, 101 pumping stations and 55 interception stations have been constructed.