

Comprehensive Basin-wide Planning of Sewerage Systems

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Comprehensive basin-wide planning of sewerage systems, in order to provide the service of the sewerage system to maintain the water quality standard of rivers, lakes and sea coastal area most effectively, it is the plan that it is regarded as the superior plan to other individual sewerage system implementation plans in each river basin.

In our country, water quality standard is determined, as the standard which is desirable to be maintained in the principal rivers, lakes and sea coastal area. In order to achieve this environmental standard, various measures such as sewerage systems, factory draining regulation and other things are taken. And, at the public waters where water is polluted by the sewage from areas of plural municipalities, and it is necessary to achieve water quality standard with the service of the sewerage system mainly and each prefectural government must determine comprehensive basin-wide planning of sewerage systems according to waterways.

The items which are specified in each comprehensive basin-wide planning of sewerage systems are:

- i) basic policies regarding the service of the sewerage system in the area which relates to the particular waters,
- ii) items regarding the area in which the sewage is disposed,
- iii) items regarding the arrangement, structure and ability of the foundation facility of the sewerage system,
- iv) items regarding prioritizing services of the sewerage system

In 1999 fiscal year, as the percentage of sewage disposal system to the population reached 60%, environmental standard achievement ratio of altogether of rivers, lakes and sea coastal area rose to 78.7%. This way, this planning system promoted the service of the sewerage system playing a quite important role in the improvement of living environment and the water quality improvement of the public waters, although there were also other various causes.