

**Survey on the establishment of vision for Kanto Koshin region
sewage system**

Whole term

2003.11-2004.3

(Purpose)

The sewage system, which treats sewage water properly and eliminates rainwater promptly, is an urban facility essential for social life in order to ensure comfortable and fine urban environment. Moreover, in order to respond to the global environmental problems, the role of sewage system becoming more and more important, such as water quality conservation of public water district and/or establishment of desirable water circulation system.

Under these conditions, in order to promote the sewage works explicit for local residents, prior issues in future sewerage maintenance and strategies of sewerage maintenance in the medium and long terms were defined to develop "the vision for the Kanto Koshin region sewage system".

(Process)

"The vision for the Kanto Koshin region sewage system" was developed by the Kanto Regional Development Bureau and the Administration liaison committee which consists of one capital, eight prefectures and four government-ordinance cities (i.e., Ibaragi prefecture, Tochigi prefecture, Gunma prefecture, Saitama prefecture, Chiba prefecture, Tokyo, Kanagawa prefecture, Yamanashi prefecture, Nagano prefecture, Chiba city, Saitama city, Yokohama city, and Kawasaki city). In order to obtain the opinions from people of a broad field, "meeting on Kanto Koshin region sewerage vision development" (henceforth a meeting) was held three times to obtain the advices from people working in each region as members of NPO and/or tourist association besides experts of sewerage. PI survey was also conducted to obtain opinions from general population and citizen groups.

This organization took charge of preparation, management and record of a meeting. We also created the reference data which served as a basis for "vision for the Kanto Koshin region sewage system." The reference data contained the analysis of current situation of sewage system development based on the arrangement about natural conditions (i.e., the geographical feature, general description of rivers, lakes and sea areas) and social and economic conditions (i.e., the land use, the population and the industry) in Kanto Koshin region. Moreover, reflecting the advices from the meeting, we compiled the situation of sewage system development per river basin (in every river system) and then reviewed the recent efforts by sewerage administration.

(Summary)

In "the vision for Kanto Koshin region sewage system", it is declared that individual administrators change their consciousness and address promotion of sewage works from the perspective of "unity of watershed" and "unity of region" with the aim of much more conservation of "delicious water", improvement of water environment and formation of recycling society. The vision was developed and announced with the compositions shown below.

Title: For the water environment of a river basin and a recycling society

-from obscure sewerage to clear sewerage-

1. Present Condition of Water Environment Involving Sewerage of Kanto Koshin Region

The situation of sewage disposal, the situation of water supply works and river water, the situation of the advanced treatment, the situation of the measures against flood, and the situation of the readiness for the recycling society (recycling of treated sewage, recycling of raw sludge and exploitation of energy)

2. Switched Plan of Sewerage Administration -- Three Activities for "Clear" Sewerage

(1) For a comfortable life

(2) For preservation and creation of water environment of a river basin

(3) For contribution of local environment and recycling society

3. For Creation of Better Environment - The coordination with citizens and local community, practice by citizens and local community -

4. Water Environment and Recycling Society of River Basin Where Kanto Koshin Region Aims

Improvement and preservation of water quality, effective utilization of energy, creation of the rich waterfront, pervasion of rain water storage and effective utilization, generation of a place for recreation and relaxation, recycling of treated sewage, and cyclical use of resources

Research funded by Ministry of Land Infrastructure and Transport
Kanto Regional Development Bureau
Person in charge of study: Syuji Tanaka, Makoto Shirasaki, Kazuki Ida

Key words

Kanto Koshin region, Vision of sewer, Water environment, Recycling society