Reduction of CSO Loadings Using Fine Mesh Screen

Yoshinori YABUKI, Shigeyuki TOKUOKA
Bureau of Sewerage Tokyo Metropolitan Government
2-8-1 Nishi-shinjuku, Shinjuku-ku, Tokyo-to, Japan 163-8001

Abstract
The Bureau of Sewerage has made best effort to improve combined sewer by decreasing the amount and frequency of CSO (combined sewer overflow) during rainfall. We have installed Fine-Mesh screen (FMS) at Haneda pumping station in March 2006 in order to reduce CSO loadings to receiving water. The aim of FMS is to minimize solid loadings contained in the CSO more greatly than conventional screening system. It has been confirmed in the feasibility study that the system is an effective measure for CSO improvement.

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