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Manikdi pilot project

In order to address the serious water supply problems in Dhaka City, it is essential that a full understanding is gained on the existing conditions of the water supply network like: (i) accuracy of records; (ii) quality and type of materials used; (iii) workmanship traditions; (iv) registered and unregistered connections; (v) traditional way of operation and maintenance of the system; (vi) division of responsibilities between the various partners involved with the system at local level; (vii) water demand of the population; (viii) being able to reasonably quantify the produced water into a) physical losses where water escape from the network through leaks before it reach the customer; b) administrative losses where water reach the consumer but is not billed for due to various reasons, c) water wasted at the consumers, and d) water serving the actual demand at the beneficiary; (ix) handling of water at the households; (x) the consumers expectation to and satisfaction with the water supply service; and (xi) the interest and willingness of the community to participate and, if needed, to contribute to the improvement of services.

It was agreed between the GOB and the ADB that a pilot project should be selected for upgrading during the PPTA to gain experience on the implications of supplying water under pressure on 24 hour supply basis to a suitable area with the following characteristics: (i) needing to be easily isolated; (ii) have about 20,000 residents; (iii) complete system data on the distribution network, valve locations and house connections is readily available; (iv) least number of unauthorized connections is expected; (v) representative mix of income groups similar to that for Dhaka as a whole; and (vi) have an active and vital community wanting to enhance its living conditions.