

... the 21st July, 1980

C I R C U L A R 23/

Sub: Ensuring quality of water supplied for drinking purposes.

Though we depend upon the Municipal Corporation of Delhi for supply of potable drinking water in all the buildings and areas where DDA takes up the development, it is necessary to follow some of the following arrangements to effectively supply the water with adequate pressure:-

1. Sometimes water is collected in underground tank from the Municipal supply and pumped to the various houses or to overhead tank.
2. Sometimes deep tubewells are constructed and underground water collected in sumps or stored alongwith MCD water.

In all the above cases, the engineering department of DDA should take adequate precautions to ensure safe drinking water following the standard specifications. Testing should be done from representative sources in the normal course at least one in three months. In each case the samples should be tested in two places, one of which should be a government recognised laboratory.

The quality of water shall be tested after the sample is prepared as per appropriate IS specifications. In this connection, the following IS specifications should be kept in mind:

1. IS 10500-1983
2. IS 1622-1981
3. IS 3025-1964

It will be the responsibility of the EE to identify all the places where this regular testing is to be done and keep a list of these places in an appropriate register under his control. He should ensure that testing is done as per the above procedures. In rainy season, the testing should be done more often in case water is being drawn from deep tubewells.

SEs should make it a point to keep a close watch on the testing and ensure that the EEs strictly follow the testing procedures in all the tubewells. They should also send the details of such test results to Chief Engineer(D&R) who will keep statistical information of all the tubewell resources with the DDA until they are ultimately transferred to the MCD. Chief

Dis/ho) EOP: Any comments?

Engineer(D&R) will be the source of this statistical information for any reference any time. This system should be got enforced by all the CEs with immediate effect, if it is not being done already.

SEs will be principally responsible to see that they maintain a register of all the tubewell sources to watch the test results.

The following preliminary precautions shall be ensured in all cases:

1. The underground tanks shall be regularly cleaned and provided with chlorination arrangements. The cleaning operations shall be properly recorded in a register and also displayed on the tank itself where the next date for cleaning shall be displayed.
2. There shall be no dumping grounds or dust bins within 100 ft. of the tubewell source nor there shall be any stagnant drain nearby. The AEs incharge of the tubewell will be principally responsible to ensure this.
3. The underground tanks shall be provided with proper protective fencing and this area shall be used for no washing or cleaning purposes.

In case the water gives unsatisfactory result, action shall be taken to discontinue the source, get the tubewell disinfected and reconnected after testing the water satisfactorily.

V.S. Murti
20/7-53
(V.S. Murti)
Engineer Member

Copy to:-

1. All SEs for strict compliance.
2. All CEs for monitoring the effective control.
3. CE(D&R) to keep a statistical information of all the tubewells, the quality of water in these areas etc.