

DELHI DEVELOPMENT AUTHORITY

NO:EM.1(10)83/10311

Dt: 29.7.88

Circular NO:232

Subject: Ensuring quality of water supplied for drinking purposes.

Reference is invited to this office circular No. 231 dated vide NO:EM.1(10)83 dt. 21.7.88 in which certain guide-lines were indicated about testing to be done from the representative sources and at some frequency.

In the present conditions, various infrastructure works in Delhi are still very much incomplete and it will be a long way before the total infrastructure is developed to ensure hygiene, health and sanitation. There are places where the storm water & water supply lines are located close together and sometimes crossing each other. This, unsatisfactory arrangement, may be due to inadequate space for aligning the services. There are places where the sewer lines, even though they are at depth are located horizontally near the water supply line; even if the water supply lines are above and sewer lines are below, there are times when sewers get surcharged and man holes over flow. The public at large are not very responsive to proper up-keep of their own environments and they allow stagnation of water near the water sources.

Considering all the above aspects, it is necessary to fix the frequency of testing so that any incidents of contamination can be dealt with promptly.

It is therefore necessary for the Engineers to see that sources of water samples are very dispersed and representative. In this connection reference shall be made to the guidelines indicated in the IS 3025-1964 specifically about the sampling and frequency of samples. The point of sampling shall be chosen with extreme care so that a representative sample of water is obtained and the conditions prevailing on the ground, even the atmosphere the users and deficiency of the system; all should decide the point of sampling. As far as frequency of testing is concerned, it should be more at places of greater contamination and less at places of lesser contamination and greater control. At any place, the frequency of sampling shall be at least once in 2 months reduced to fortnightly or monthly depending upon the scope of contamination. EEs should decide this issue taking into consideration the total environment.

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All precautions, necessary, for lifting the samples, testing the samples recording & interpretation of results and subsequent action should be monitored by the EEs through proper documentation/action.

K. S. S.
24/7.58
Engineer Member
D.D.A.

Copy to:-

1. All Chief Engineers.
2. All S.Es for strict compliance.
3. All EEs for monitoring the effective control.