

**GOVERNMENT OF ANDHRA PRADESH  
PUBLIC HEALTH & MUNICIPAL ENGINEERING DEPARTMENT**

GRAMS: "CEPHENGER"

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**Circular Lr.No.503/T2/2014.**

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**Dated: 07 -04-2014**

From

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Sir,

To

**The Commissioners/Municipal  
Engineers**

\_\_\_\_\_ Municipality,

Sub: - Summer Action Plan to ensure safe and required water supply in the  
Municipalities – Certain instructions and guidelines – Issued – Reg.

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Since the summer is fast approaching the following guidelines are herewith  
communicated for the knowledge of Municipal Commissioners and Engineers for  
strict compliance so as to minimize the water supply problems during the ensuing  
summer.

**I. Protecting the Sources:**

1. In case of surface drawls from rivers or vagu etc., required lead channels be excavated to ensure that the required raw-water reaches the intake wells. The river courses in summer need to be diverted towards intake structures by forming temporary bunds etc.
2. Monitor water levels closely in the summer storage tanks and ensure sufficient storage for the summer supply till fresh flows are received. Close coordination shall be maintained with I & CAD Department to ensure timely release of water in the canals.
3. Curtail and monitor raw water drawls at sources in case of underground tapings such as infiltration wells and galleries to ensure that summer water levels do not fall below the command levels.
4. In case of bore well sources necessary deepening of bore wells and flushing of bore wells as necessary should be done in advance. If the summer water level is anticipated to fall below the pumps drawl levels, deep bore pumps need to be provided or the suction pipe of the existing pumps needs to be extended.
5. Constant coordination is maintained with the power distribution companies' concerned A.P. TRANSCO office to maintain continuous power supply to the water supply sources. If necessary advance action shall to be taken to keep

required capacity generators at all the pumping stations to ensure uninterrupted pumping.

6. All the sources should be guarded from any possible contamination due to sewage or drainage water entering into the drinking water sources. Proper watch and ward need to be maintained at all the summer storage tanks and other water supply sources to avoid contamination of water by bathing or animal washings and open defecation nearby etc.

## **II. Precautions to be taken regarding distribution system :**

1. Identification of leaks in water supply pipe lines and arresting the same to avoid wastage of drinking water.
2. Check the water supply distribution system periodically.
3. Cleaning all the storage reservoirs/ELSRs/GLSRs/Sumps etc. periodically.
4. Checking illegal tapings from the house service connections i.e., through booster pumps if any to avoid illegal tapings and undue pressure distributions.
5. Ensuring proper chlorination in the distribution systems.
6. Closing all pit taps to ensure proper distribution of water with required pressure and to avoid water contamination.
7. All the bore wells within the service area need to be painted with code numbers and condition of hand pumps and power pumps need to be closely watched and monitored. A record of repairs to the pumps done need to be maintained and checked by the concerned engineers to ensure that timely immediate repairs are being done to the hand pumps or power bores as the case may be. Sufficient spare parts required for repairing the hand pumps should be procured and kept ready well in advance.
8. All the platforms of bore wells, open wells and public stand posts should be maintained clean and in hygienic conditions duly providing necessary disposal arrangements of used water to the nearest storm water drain. All the open wells which are likely to be used by the public for drinking water purposes should be properly disinfected. The quality of water should be frequently checked. If the quality of water is found to be not fit for drinking, necessary boards should be displayed for the knowledge of the public that the water should not be used for drinking purposes. Similar action should be taken in case of all the bore wells also. All the bore wells should be maintained regularly disinfected.
9. Periodically water samples shall be collected and analyzed for quality and necessary measures shall be taken if water samples are found to be unwholesome.

### III. Transportation Water to Unserved Areas:

1. Required water tankers mounted on Lorries need to be deployed to ensure that safe drinking water is transported and made available in the localities which are ill served or un served as the case may be.
2. The water tankers should be leak proof and well painted, disinfected and regularly cleaned. To avoid the possibility of wastage of water during transportation and also possible contamination.

The receipt of this circular letter may please be acknowledged.

Yours faithfully,

Sd/-

**ENGINEER IN CHIEF (PH)**

Copy submitted to the Principal Secretary to Government, Municipal Administration & Urban Development Department, Hyderabad.

Copy to the Commissioner and Director of Municipal Administration, Hyderabad.

Copy to the Chief Engineer (PH) table.

Copy to all Superintending Engineers (PH) for information and necessary action.

Copy to all Executive Engineers (PH) for information and necessary action.

//ATTESTED//

  
EXECUTIVE ENGINEER (PH)

  
7/2/14

