

No. WQ-11021/1/2020-WQ-DDWS - 237
Government of India
Ministry of Jal Shakti
Department of Drinking Water and Sanitation
(National Jal Jeevan Mission)

4th Floor, Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi – 110 003

Dated October 27, 2022

To

Addl. Chief Secretary/ Principal Secretary/ Secretary
Rural Water Supply/ PHE Department,
All States/ UTs

Subject: Regular disinfection for providing safe drinking water – regarding

Madam/ Sir,

Safe drinking water, improved sanitation and better hygiene are pre-requisite for improved public health. Consumption of pathogen-contaminated water can cause water borne diseases, therefore it is necessary to disinfect water properly to make it fit for human consumption and prevent water borne diseases. Needless to mention here that infants and children are most susceptible to water borne diseases like typhoid, dysentery, diarrhea, cholera etc. and such repeated infections may have debilitating effects on their health.

2. Water disinfection is essential for destruction of pathogenic microorganisms and supply of safe drinking-water. Residual disinfection is used to provide a partial safe-guard against low-level contamination and growth within the distribution system. To ensure safe drinking water supply and prevention/ minimization of water borne diseases, it is requested for the following:

- i.) Review the status of disinfection being done in supply of safe piped drinking water in your State and to ensure proper and regular disinfection in every supply of drinking water in each rural piped water supply scheme, with residual disinfection effect for protection against bacteriological contamination and to prevent re-growth of pathogens in distribution system till the point of delivery for consumption.
- ii.) Take steps to standardize the disinfection process for rural piped water supply schemes across the State and a Standard Operating Procedure (SOP) may be conceptualized for providing safe drinking water supply to every household.

Yours faithfully,


(Ajay Kumar)
27/10/22

Director(WQ)

Copy to: Engineer-in-Chief/ Chief Engineer, Rural Water Supply/ PHE Department, All States/ UTs for information and further necessary action.