

**O.I.H.**

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
LOK SABHA  
UNSTARRED QUESTION No. 778  
TO BE ANSWERED ON SEPTEMBER 17, 2020**

**USAGE OF RO WATER PURIFIERS**

**NO.778. SHRI CHANDRA PRAKASH JOSHI:  
SHRI SANGAM LAL GUPTA:**

**Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:**

- (a) whether RO water purifier systems have been installed in houses located in several urban areas of the country;**
- (b) if so, the amount of water in percentage estimated to get wasted during water purification in RO system specially in for metropolitan cities;**
- (c) the percentage of loss of calcium and other nutrients present in water during the said process; and**
- (d) whether the Government has received any proposal for looking into the loss of water and nutrients during the said purpose; and if so, the reaction of the Government thereto?**

**ANSWER**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE  
MINISTRY OF HOUSING AND URBAN AFFAIRS  
(SHRI HARDEEP SINGH PURI)**

- (a) Yes, sir.**

**(b) The reject generated from Reverse Osmosis (RO) system depends on the quality of feed water and permeate. The reject quantity varies between 1 to 3 litre per litre of permeate depending on the size and purpose of RO system.**

**(c) No such study has been carried out by the Ministry.**

**(d) In the matter of OA No.134 of 2015 titled 'Friends through its General Secretary versus Ministry of Water Resources', Hon'ble National Green Tribunal, vide its order dated 20.5.2019, has instructed the Ministry of Environment, Forest and Climate Change to issue appropriate notification prohibiting the use of drinking water prepared through RO systems where the amount of Total Dissolved Solids (TDS) is less than 500 milligram per litre and wherever RO is permitted, a requirement be laid down for recovery of water be more than 60 per cent. In pursuance of above order, Ministry of Environment, Forest and Climate Change has published draft notification for regulation of Membrane Based Water Purification System.**

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