

EMERGENCY WATER SUPPLY SERVICE

The people rendered homeless after disasters will need drinking water facilities in order to survive and avoid water borne diseases. During floods most of the water bodies become contaminated and remain useless for the long period of time necessitating setting up of water purification and drinking facilities. In order to supply drinking water to a large population it will be necessary to arrange for mechanical water purification systems and pumps at the disaster site or near emergency shelters.

Functions:

- Assess and identify water purification pumps/machines.
- Survey and identify water carrying trucks for distribution purposes.
- Undertake conservation of water bodies to avoid contamination.
- Identify fixed facilities for bulk bottled water supplies.

Organization:

- Emergency Water Supply Officer - 1 (per district)
- Staff Officer - 1 (per 2 lakh population)
- Water purification unit - 1 (per 2 lakh population)
 - Leader - 1
 - Assistants - 4
 - Driver - 1
- Water quality assessment team - 1 (per 4 lakh population)
 - Testing Officer - 1
 - Chemist - 2

The Emergency water supply officer will ensure that an inventory of mobile water tankers is maintained with the service in order to deploy them at short notice for distribution of drinking water to affected areas.

Annexure-I (Chapter-XVII)**EMERGENCY WATER SUPPLY SERVICE**

S.No.	Items	Quantity
1.	Personal Equipment: <ul style="list-style-type: none"> • Helmet (Fibre glass in blue colour) • Rechargeable Electric Torch (per staff officer & WP Unit) • Whistle with lanyard 	1 each 1 1 each
2.	Battery Operated Megaphone (per staff officer)	1
3.	Water testing kit	1
4.	Chlorine tablets	As required
5.	Alum /H ₂ SO ₄	As required
6.	Portable water pumps	As required
7.	Water purification systems (mechanical)	1 (per unit)
8.	Neerizar water purification equipment (developed by NEERI)	2 (per unit)