

Kanawha Putnam Emergency Management Plan Hazard Identification Annex	
Public Water Emergency Revised September 2022; Reviewed Biennially	B12
Risk Low	Vulnerability Moderate

I. Introduction

This annex describes the risk of interruption of the public water supply.

II. Situation and Assumptions

- A.** Interruption of the public water supply is possible due to contamination, equipment failure or other causes
- B.** Incidents of contamination may require Public Warning to protect life safety.
- C.** Much of the public is not prepared for loss of their water supply.
- D.** Hospitals and other critical facilities may immediately need assistance upon loss of potable water supply
- E.** Effective firefighting is contingent upon a stable water supply. In many areas across the jurisdiction, loss of the public water supply will significantly increase the fire risk.
- F.** Water management companies generally have the capability to isolate system contamination to zones or neighborhoods.
- G.** All water systems have a finite capacity. Systems are designed to maintain reliable service to their community with a designed reserve capacity. At best, any water system in the metropolitan area will have a limited ability to provide

potable water to support disabled systems in other communities.

- H. Firefighters have the ability, through mutual aid resources, to draft water from rivers and transport it to firegrounds to utilize for fire suppression activities.
- I. Local and state resources, public and private, are available to obtain and transport potable water. Coordination of the transportation and delivery aspects is essential.

III. Functional Annex Components

A. Primary Functional Annexes – include, but are not limited to:

- 1. A01 – Public Warning
- 2. A02 – Emergency Public Information
- 3. A03 – Communications
- 4. A15 – Resource Management

B. Support Functional Annexes – include, but are not limited to:

- 1. A08 – Health and Medical
- 2. A12 – Special Needs Population
- 3. A16 – Chemical/HAZMAT Response
- 4. A17 – Biological Response
- 5. A20 – Terrorism Response