



CITY OF WASHINGTON
EMERGENCY WATER SUPPLY PLAN

Last Revision/Review
March 4, 2019

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Chapter 1

Purpose

The purpose of this plan is to isolate and conserve an adequate supply of potable water during emergency conditions that will be used only to sustain human life and the lives of pets and maintain standards of hygiene and sanitation.

Chapter 2

Description

The potable water supply for the City of Washington is obtained through three city owned, operated and maintained wells. The wells are located outside the city limits. The Governing Body of the City of Washington will determine who shall receive access to the exact locations of each well. The wells each have their own well house building. The wells are capable of running 400 gallons per minute when operating two pumps at the same time. The distribution system contains two potable water storage towers. The first has a 250,000 gallon capacity and the second has a 44,000 gallon capacity. The distribution system contains pipe up to 8-inch and the city maintains all distribution lines. The distribution system also contains two booster pumps at 40 hp and 50 hp ratings.

Chapter 3

Disaster Organization

3-1 City Administrator – In-Charge Overall

1. Coordinate and direct efforts of maintenance personnel in repair of damage.
2. Authorizes emergency appropriations to cover disaster damage and supply requests.
3. Establish communications within the governing body, and prepare information to be provided to the Public Information Officer (PIO) for release to the local news media and general public.
4. Establish command posts, medical posts, shelters, etc. while working with Washington County Emergency Preparedness Personnel.

3-2 Public Works Superintendent

1. Assess damages and establish communication with the City Administrator and other officials.
2. Notify KDHE District Engineer or Bureau of Water and request assistance as needed.

3. Oversee any repairs or alterations from the source of supply to treatment and pumping and throughout the distribution system.
4. Request emergency equipment and/or supplies if needed.
5. Request labor assistance if needed.
6. Contact power company (City of Washington) as to loss of power.
7. Update PIO of the situation to include any current updates.

Chapter 4

Mutual Aid Agreement

If the emergency exceeds the capabilities of city resources, City Administrator will or instruct staff to contact the Washington Emergency Preparedness personnel to secure additional resources. Their office will assist in coordination of supplying potable water until our system is safely on line again.

Cooperative arrangements for water repair parts and fittings have been made with neighboring water districts and cities if needed.

Additional resources may be acquired through KRWA and/or KS-MAP Agreement, of which the City of Washington is a member of both. KRWA request are made to Kansas Rural Water Association (KRWA). Contact person is Elmer Ronnebaum, 785-336-3760 during normal working hours, or Greg Duryea 785-741-2240 (after hours). KS-MAP requests are made to Kansas Municipal Utilities (KMU). Contact person is Brad Mears, 785-364-0670

Chapter 5

Inventory of Emergency Equipment Available

5-1 City owned equipment:

1. Mini excavator.
2. Loader.
3. Trucks.
4. Skid steer.
5. Generator.
6. Trash Pumps.

5-2 Locally owned equipment and supplies:

1. City of Hanover.

5-3 Other Resources for Equipment

KDHE, KRWA, and KS-MAP may be called for any other equipment and tools needed. Examples of possible equipment and tools could be chlorinators, generators, portable storage tanks, pipe and fittings and any other item that may help in an emergency. Each will do their best to help locate needed items as soon as possible.

Federally-owned equipment may be requested through the Bureau of Water Supply and National Guard.

Chapter 6

Vulnerability of System (Disaster Response)

6-1 Drought- Water Shortage-As Determined by the Governing Body

1. The City's Ordinance will go into effect regulating the non-essential use of water during an emergency upon authorization from the City Administrator.
2. Public and media notification of water conservation will be relayed by the PIO.
3. Staff will identify additional water source(s).

6-2 Accidental Spills or Contamination

1. Operator may contact emergency services if their services are needed.
2. Operator will assess the situation and notify KDHE, Regional EPA Office, and/or Office of Emergency Preparedness of extent of damage.
3. Establish communications through the emergency services, news media, website, local IRIS program, and general public as needed.
4. Operator shall make sure that all sources of potable water storage are full.
5. When or if hazardous substances contaminate the water supply at the well locations, the Operator shall stop raw water from being pumped.
6. Utilize 294,000-gallon storage tanks supply.
7. Upon direction of City Administrator, the City shall purchase bottled water for consumption.
8. Transport water into City from another source if needed.

6-3 Well House Buildings

1. Power outage due to natural or man-made disaster.
 - a. The City will utilize a generator and restore electricity to raw water pumps.
 - b. The City will ascertain when power will be restored. The City operates its own electrical distribution system and power plant so no outside contact will be necessary.
2. Excessive damage to well house buildings.
 - a. Operator will assess damages and establish communication with the City Administrator, to be passed on to media and residents.

- b. The City's ordinance will go into effect regulating the non-essential use of water during an emergency upon authorization from the City Administrator.
- c. Upon direction of City Administrator, the Operator will notify KDHE and Bureau of Water of any anticipated needs.
- d. Operator will isolate distribution system and utilize water storage.
- e. The City Administrator will authorize a work force to repair damages to bring wells back on line.

6-4 Distribution System

- 1. Transmission Main Damage
 - a. Isolate main and repair damage.
- 2. Storage Tank Damage
 - a. The City's Ordinance will go into effect regulating the non-essential use of water during an emergency upon authorization from the City Administrator, if necessary.
 - b. Set pressure limit on VFD on pumps at water plant to maintain constant pressure.
 - c. Place needed pressure gauges and relief valves on hydrants for wasting in order to maintain a constant pressure if needed.
 - d. Isolate tank by closing valve at bottom of tank.
 - e. Contact tower maintenance company.

6-5 Terrorist Threats

Notify Operator and City Administrator of threat and coordinate with local law enforcement and civil defense personnel to provide protection at the wells and storage tanks.

6-6 Radioactive Fallout

- 1. Contact Office of Emergency Preparedness for information as to the possibilities of contamination to the system.
- 2. The City's ordinance will go into effect regulating the non-essential use of water during an emergency upon authorization from the City Administrator.
- 3. Utilize stored water until system is cleared for use.

Chapter 7

Water Rationing

Refer to City Ordinance located at City Hall.

Chapter 8

Emergency Contacts

8-1 City Contacts

Carl Chalfant, City Administrator	785-220-4175
Denise Powell, City Clerk, Public Information Officer	785-747-8534
Justin Svanda, Public Works Superintendent	785-541-1130

Operators:

Carl Chalfant, City Administrator	785-220-4175
Dennis Stigge	785-541-0983
Chris Milam	785-747-6876

Emergency after hours:	785-541-1313
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8-2 Emergency Services (911)

Washington County Sheriff	785-325-2293
Washington EMS	785-325-2293
Washington County Fire District	785-325-2293
Washington County Emergency Preparedness	785-325-2134
Washington County Health Department	785-325-2600

8-3 Federal and State Agencies

Kansas Department Health & Environment (NC District Office- Salina)	785-827-9639
Kansas Department Health & Environment (Public Water Supply Section- Topeka)	785-296-5503
Kansas Adjutant General Department (Division of Emergency Management- Topeka)	785-646-1409
Environmental Protection Agency (Region 7- Kansas City, KS)	913-281-0991
Kansas Rural Water Association	785-336-3760
Homeland Security	800-237-3239
KMU (KS-MAP) Brad Mears	785-364-0670

8-4 Services

Electric:

Linemen:

Mike Manning	785-325-3235	785-230-6326
Larry Pape	785-325-2044	785-541-0194
Jason Throm	785-562-5495	785-713-2808

Power Plant Operator:

Richard Applegarth	785-747-6044
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Contractor:

Chuck Walter 785-747-7147
Orville Jueneman Construction 785-337-2482
Wilber Construction 785-337-2557

Chlorine:

Hawkins, Inc. 402-420-0755
Chip Tebo 402-310-3708

Chemicals:

DPC Industries (Houston, TX) 281-457-4888
Chemtrec 800-424-9300

Engineer:

BG Consultants (Manhattan) 785-537-7448
CES Group (Marysville, KS) 785-562-5148

Wells:

Sargent Drilling (Geneva, NE) 888-496-3902 402-759-3902

Pipe supplier:

The Salina Supply 800-288-1231
Core & Main 800-892-4304
Municipal Supply, Inc. 402-462-4191

8-5 Media

KCLY – Radio FM 785-632-5661
KNDY Radio – FM 95.5 – FM 94.1 & AM 1570 785-562-2361
Washington County News 785-325-2219

KDHE – NC District 785-827-9639
City of Washington Facebook 785-325-2284
Local Cable Channel 95 (Blanche Graham) 785-325-2609

**Chapter 9
Annual Review**

It shall be required that this policy be reviewed annually by the City Council and their Operator.

Approved By: _____
Ryan W. Kern, Mayor Date

Carl D. Chalfant, City Administrator Date

Dennis Stigge, Water/Wastewater Operator Date