

## **Emergency Water Supply Plan**

**Pursuant to the requirements of K.A.R. 28-15-18, the City of Downs, has compiled the following information, and guidelines for the purpose of implementing an Emergency Water Supply Plan.**

<b>Section I</b>	<b>Purpose</b>
<b>Section II</b>	<b>Description</b>
<b>Section III</b>	<b>Disaster Organization</b>
<b>Section IV</b>	<b>Mutual Aid Agreement</b>
<b>Section V</b>	<b>Inventory of Emergency Equipment Available</b>
<b>Section VI</b>	<b>Vulnerability of System (Disaster Response)</b>
<b>Section VII</b>	<b>Water Rationing</b>
<b>Section VIII</b>	<b>Emergency Contacts</b>
<b>Section IX</b>	<b>Annual Review</b>

## **Section I. 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.

## **Section II. Description**

The potable water supply for the City of Downs is obtained through three wells, #'s 7,8,9.

### How?

Water comes from ground water.

### Where?

Well #9 - Railroad Ave. & Kansas Ave.

Well #8 - 1 mile west & ½ mile north.

Well #7 - South side of Hwy 24 west of 3rd. Ave.

### How much?

Well #7 – 240 GPM

Well #8 – 300 GPM

Well #9 – 350 GPM.

### Storage?

90,000 gallon standpipe & 140,000 gallon elevated tank.

### Boosters?

None.

### Line Size?

8", 6", 4", 2".

### Other connection?

None.

### **Section III. Disaster Organization**

#### **A. Mayor – In-Charge Overall**

1. Coordinate and direct efforts of maintenance personnel in repair of damage.
2. Establish communications within the governing body, local news media, and general public.
3. Establish command posts, medical posts, shelters, etc. while working with the County Emergency Preparedness Personnel.
4. Assess damages and establish communication with the Mayor and other officials.
5. Notify KDHE District Engineer or Bureau of Water and request assistance as needed.
6. Oversee any repairs or alterations from the source of supply to treatment and pumping to throughout the distribution system.
7. Request emergency equipment / supplies if needed.
8. Request work assistance if needed.
9. Contact Power Company as to loss of power.

### **Section IV. Mutual Aid Agreement**

- A. Cooperative arrangement for water supply replenishing with Osborne County Emergency Preparedness Personnel. Their office will assist the water district in supplying potable water until our system is safely on line again.
- B. Cooperative arrangements for water repair parts and fitting have been made with neighboring water districts and cities if needed.
- C. Interconnection?  
None.

## **Section V. Inventory of Emergency Equipment Available**

### **A. City owned equipment:**

1. 3" Water Pumps ( centrifugal & diaphragm)
2. Air Compressor & Jackhammer (90#).
3. 14" Gas Powered Concrete Saw
4. Dump Truck for hauling fill sand & dirt
5. 9030 4 wheel drive Bi-directional Loader
6. 2002 Ford 250 Service Truck
7. 425 Bobcat Excavator
8. T650 Bobcat Skid Loader
9. Bobcat Attached Jack Hammer

### **B. Locally owned equipment and supplies:**

1. 100' C 900 PVC Pipe – 8", 6", 4"
2. 1 each Spare Gate Valves – 8", 6", 4"
3. 4 each Repair Clamps – 8", 6", 4", 2"
4. 2 Spare Fire Hydrants
5. Spare Chlorinator

### **C. Equipment available through the State of Kansas**

1. Chlorinators (through KDHE and KRWA)
2. Federally owned units such as portable filter plants, portable storage tanks, etc. (through Bureau of Water Supply) and National Guard.

## **Section VI. Vulnerability of System (Disaster Response)**

### **Drought- Water Shortage-As determined by the Water Conservation Plan and Kansas Water Office (KWO).**

1. The City's Ordinance will go into effect regulating the non-essential use of water during an emergency upon authorization from the Mayor & City Council.
2. Public and media notification of water conservation will be relayed.
3. Attempt to obtain water from, County Emergency Preparedness.
4. Downs Super Foods – Culligan Soft Water

### **Accidental Spills or Contamination**

5. Fire Department shall contact 911.
6. Fire Chief will assess the situation and notify KDHE, Regional EP Office, or Office of Emergency Preparedness of extent of damage.
7. Establish communications through the Osborne County Sheriff's Office, fire, news media, and general public.
8. City Superintendent shall make sure that all sources of uncontaminated water and potable water storages are full.
9. When or if hazardous substances contaminate the water supply at the well location, the City Superintendent shall stop raw water from being pumped.
10. Utilize 230,000 gallon storage tank supply.
11. Upon direction of Mayor, the City shall purchase bottled water for consumption.
12. Transport water into City from another source if needed.

### **Treatment Plant \_\_\_\_\_ Booster Station Building**

13. Power outage due to natural or man-made disaster.
  - a. The City will utilize a generator and restore electricity to wells and water plant.
  - b. The City will ascertain from Prairie Land Electric Cooperative, Inc.
  - c. when power will be restored.
14. Excessive damage to Water Plant Building
  - a. City Superintendent will assess damages and establish communication with news media and general public.
  - b. The City's ordinance will go into effect regulating the non-essential use of water during an emergency upon authorization from the Mayor.
  - c. Upon direction of Mayor, City Superintendent will notify KDHE and Bureau of Water of any anticipated needs.
  - d. City Superintendent will isolate distribution system and utilize water storage.
  - e. The Mayor, will authorize a work force to repair damages to bring plant back on line.

## **Distribution System**

15. Transmission Main Damage
  - a. Isolate main and repair.
16. 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 Mayor and City Council, if needed.
  - b. Isolate tank by closing valve at bottom of tank.
  - c. Place needed pressure gauges and relief valves on hydrants for wasting in order to maintain a constant pressure.
  - d. Contact tower Maintenance Company.

## **Terrorist Threats**

17. Notify Operator and Osborne County Sheriff and City Clerk of threat and coordinate with civil defense personnel to provide protection at POE, booster station, and storage tank.

## **Radioactive Fallout**

18. Contact Office of Emergency Preparedness for information as to the possibilities of contamination to the system.
19. The City's ordinance will go into effect regulating the non-essential use of water during an emergency upon authorization from the Mayor and City Council.
20. Utilize stored water until system is okay for use.

## **Section VII. Water Rationing**

- A. Refer to City Ordinance # 869

A copy of Ordinance #869 is attached



## **Section VIII. Emergency Contacts**

### **A. City Contacts & Services**

Allen Stroble – Municipal Supply – Hastings, NE.  
W: 402-462-4191  
M: 402-984-8061  
Telemetry for Wells & Water Plant Computer – Pierce Electronics  
Office: (785) 378-3158  
Cell: (785) 648-0015  
Chemicals – Hawkins Chip Tebo (402) 310-3708

### **B. Emergency Services**

Downs Fire Department  
Osborne County Sheriff's Department  
Downs Ambulance Service  
Utility Services – Robin Black  
Main #: 888-987-6805  
Kansas Services  
800-835-0145

### **C. Federal and State Agencies**

- |   |                |
|---|----------------|
| 1. Kansas Department Health & Environment   | 785-625-5664   |
| 2. District Office- Hays                    |                |
| 3. Kansas Department Health & Environment   | 785-296-5503   |
| 4. Public Water Supply Section- Topeka      |                |
| 5. Kansas Adjutant General Department       | 785-274-1409   |
| 6. Division of Emergency Management- Topeka |                |
| 7. Environmental Protection Agency          | 913-551-7423   |
| 8. Region 7- Kansas City, KS                |                |
| 9. Kansas Rural Water Association           | 785-336-3760   |
| 10. Homeland Security                       | 1-800-237-3239 |

### **D. Media**

- |  |                          |
|--|--------------------------|
| 1. Downs News & Times                      | (785) 454-3514           |
| 2. Cunningham Cable – Local Access Channel | (800) 287-8495           |
| 3. KDNS – Radio 94.1 Glen Elder, KS        | (785) 545-3220           |
| 4. City Clerk                              | (785) 454-6622           |
| 5. Nex-Tech                                | (785) 454-6025           |
|  | Central # (866) 419-6439 |

## **Section IX. Annual Review**

Annual Review – Sign-Off Sheet:

It shall be required, this policy is reviewed annually by the City of Downs, City Council and their Mayor.

<b>Date Reviewed</b>	<b>Signature of Chairman</b>	<b>Signature of Operator</b>