Public Water System Emergency Response Plan HHS-R&L 24 hr Emergency number 402-499-6922 for

Public Water System I.D. No.: Population Served:
Address:
Phone:
Municipality: County:
Prepared by: Title: Signature:
Date Completed: Date Updated:
Approved by: Agency: Signature: Date:

TABLE OF CONTENTS

SEC	CTION I - INTRODUCTION	1
<u>1.</u>	Purpose	1
2	ORGANIZATION	
2. 3.	PLAN DISTRIBUTION	
<u>5.</u> 4	PLAN UPDATES	
		
SEC	CTION II - SUMMARY DESCRIPTION OF THE SYSTEM	4
1.	LOCATION OF PERTINENT INFORMATION	4
2.	EXISTING SOURCE INFORMATION	
	 A. Well Information B. Surface Water Sources C. Water Quality of the Source(s) D. Description of Surrounding Area and Susceptibility to Contamination E. Source Pump Information F. Interconnections G. Other Emergency Sources 	
	C. Water Quality of the Source(s)	
	D. Description of Surrounding Area and Susceptibility to Contamination	6
	E. Source Pump Information	6
	F. Interconnections	7
		7
	H. Possible Future Sources of Water	7
<u>3.</u>	TREATMENT INFORMATION	8
	A. <u>Disinfection</u>	
	B. Other Treatment C. Other Applicable Information	
<u>4.</u>	FINISHED WATER STORAGE	
4. 6. 7.	DISTRIBUTION SYSTEM AND TRANSMISSION MAIN(S) INFORMATION	
<u>6.</u>	SYSTEM DEMAND	
	POWER	
8.	OTHER PERTINENT SYSTEM INFORMATION	10
SEC	CTION III - EMERGENCY RESPONSE ACTIONS	11
<u>1.</u>		
	A. Power Outage B. Prolonged Water Outage	
	C. <u>Transmission and/or Distribution System Failure</u> D. <u>Treatment Equipment Failure</u>	
	<u>D. Treatment Equipment Failure</u> <u>E. Source Pump Failure</u>	
	F. Loss of SCADA or Other Automated Controls	11
	G Contamination of Supply (including MCL violations)	
	G. Contamination of Supply (including MCL violations)	15
	 D. Treatment Equipment Failure E. Source Pump Failure F. Loss of SCADA or Other Automated Controls G. Contamination of Supply (including MCL violations) H. Chemical Incident At Facility I. Drought J. Flood K. Severe Weather L. Fire At Water Supply System Facility 	
	<u>I. Brought</u> J. Flood	
	<u>K. Severe Weather</u>	
	<u>L.</u> Fire At Water Supply System Facility	
	- 1 o / it fractor capping cyclotin i dointy	. ,

State of Nebraska

M. Hazardous Material Release 17 N. Terrorism or Vandalism (actual or suspected) 18 O. Earthquake 18 2. WORK ORDER LOG 19 3. EMERGENCY REFERENCE TABLE 20 4. EMERGENCY REFERENCE TABLE CONTACTS AND PHONE NUMBERS 21 A. Emergency Responders 21 B. State and Local Agencies Notification List 21 C. Local Contact Notification List 22 D. Chemical Supplier Information 23 E. System Equipment Repair and Supplies Contact Information 23 F. Utilities Contact Information 23 F. Utilities Contact Information 24 G. Bulk Water Suppliers 24 H. Media Notification List 25 SECTION IV - CONSUMER NOTIFICATION 26 SECTION VEMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI - COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII - ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 <tr< th=""><th>M</th><th></th><th></th></tr<>	M		
O_ Earthquake 18 2. WORK ORDER LOG 19 3. EMERGENCY REFERENCE TABLE 20 4. EMERGENCY REFERENCE TABLE CONTACTS AND PHONE NUMBERS 21 A. Emergency Responders 21 B. State and Local Agencies Notification List 22 C. Local Contact Notification List 22 D. Chemical Supplier Information 23 E. System Equipment Repair and Supplies Contact Information 23 E. System Equipment Repair and Supplies Contact Information 24 G. Bulk Water Suppliers 24 H. Media Notification List 25 SECTION IV − CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY. 32 2. RESTRICTION STAGES. 32 SECTION VI − COMMUNICATIONS 33 1. COMMUNICATION EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 <td></td> <td></td> <td></td>			
O_ Earthquake 18 2. WORK ORDER LOG 19 3. EMERGENCY REFERENCE TABLE 20 4. EMERGENCY REFERENCE TABLE CONTACTS AND PHONE NUMBERS 21 A. Emergency Responders 21 B. State and Local Agencies Notification List 22 C. Local Contact Notification List 22 D. Chemical Supplier Information 23 E. System Equipment Repair and Supplies Contact Information 23 E. System Equipment Repair and Supplies Contact Information 24 G. Bulk Water Suppliers 24 H. Media Notification List 25 SECTION IV − CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY. 32 2. RESTRICTION STAGES. 32 SECTION VI − COMMUNICATIONS 33 1. COMMUNICATION EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 <td><u>N.</u></td> <td>Terrorism or Vandalism (actual or suspected)</td> <td>18</td>	<u>N.</u>	Terrorism or Vandalism (actual or suspected)	18
2. WORK ORDER LOG 19 3. EMERGENCY REFERENCE TABLE 20 4. EMERGENCY REFERENCE TABLE CONTACTS AND PHONE NUMBERS 21 A. Emergency Responders 21 B. State and Local Agencies Notification List 21 C. Local Contact Notification List 22 D. Chemical Supplier Information 23 E. System Equipment Repair and Supplies Contact Information 23 F. Utilities Contact Information 24 G. Bulk Water Suppliers 24 H. Media Notification List 25 SECTION IV - CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY. 32 2. RESTRICTION STAGES. 32 SECTION VI - COMMUNICATIONS 33 1. COMMUNICATION EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 <t< td=""><td>O.</td><td></td><td></td></t<>	O.		
3. EMERGENCY REFERENCE TABLE 20 4. EMERGENCY REFERENCE TABLE CONTACTS AND PHONE NUMBERS 21 A. Emergency Responders 21 B. State and Local Agencies Notification List 21 C. Local Contact Notification List 22 D. Chemical Supplier Information 23 E. System Equipment Repair and Supplies Contact Information 23 F. Utilities Contact Information 24 G. Bulk Water Suppliers 24 H. Media Notification List 25 SECTION IV - CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI - COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII - ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios 35 B. Cellular Phones 35 C. Pagers 35 D. Other Communication Equipment Available 35 D. Other Communication Equipment Available 35 B. Other Communication Equipment Available 35 D. Other Communication Equipment Available 35 D. Other Emergency Water Supply Equipment 35 D. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 D. Other Emergency Water Supply Equipment 37 D. Other Communication Equipment 37 D. Other Emergency Water Supply Equipment 37 D. Other Communication Equipment 37 D. Other Emergency Water Supply Equipment 37 D. Other Emergency Water Supply Equipment 37 D. Other Emergency Water Supply Equipment	2. W		
4. EMERGENCY REFERENCE TABLE CONTACTS AND PHONE NUMBERS 21 A. Emergency Responders 21 B. State and Local Agencies Notification List 21 C. Local Contact Notification List 22 D. Chemical Supplier Information 23 E. System Equipment Repair and Supplies Contact Information 23 F. Utilities Contact Information 24 G. Bulk Water Suppliers 24 H. Media Notification List 25 SECTION V — CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI — COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VIII — ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 36 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections	3 FM		
A. Emergency Responders 21 B. State and Local Agencies Notification List 21 C. Local Contact Notification List 22 D. Chemical Supplier Information 23 E. System Equipment Repair and Supplies Contact Information 23 F. Utilities Contact Information 24 G. Bulk Water Suppliers 24 H. Media Notification List 25 SECTION IV - CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI - COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII - ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36	4 FM		
B. State and Local Agencies Notification List. 21 C. Local Contact Notification List. 22 D. Chemical Supplier Information. 23 E. System Equipment Repair and Supplies Contact Information. 24 G. Bulk Water Suppliers. 24 H. Media Notification List. 25 SECTION IV — CONSUMER NOTIFICATION. 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY. 32 2. RESTRICTION STAGES. 32 SECTION VI — COMMUNICATIONS 3. 1. COMMUNICATION LOG. 34 SECTION VII — ASSESSMENT OF AVAILABLE EQUIPMENT 35 4. CB Radios; 35 B. Cellular Phones: 35 B. Cellular Phones: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT	A		
SECTION IV – CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. Vehicles AND Construction Equipment 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	7. R	State and Local Agencies Notification List	21
SECTION IV – CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. Vehicles AND Construction Equipment 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u>Б.</u>	Local Contact Notification List	27
SECTION IV – CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. Vehicles AND Construction Equipment 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u>C.</u>		
SECTION IV – CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. Vehicles AND Construction Equipment 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u>D.</u>	Chemical Supplier Information	23
SECTION IV – CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. Vehicles AND Construction Equipment 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u>E.</u>	System Equipment Repair and Supplies Contact Information	23
SECTION IV – CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. Vehicles AND Construction Equipment 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u>F.</u>		
SECTION IV – CONSUMER NOTIFICATION 26 SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. Vehicles AND Construction Equipment 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u>G.</u>		
SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY. 32 2. RESTRICTION STAGES. 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG. 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u>H.</u>	Media Notification List	25
SECTION V EMERGENCY WATER USE RESTRICTIONS 32 1. EXPLANATION AND AUTHORITY. 32 2. RESTRICTION STAGES. 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG. 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	SECTIO	N IV - CONSUMER NOTIFICATION	26
1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	<u> </u>	N IV - CONSOMER NOTH TOATION	20
1. EXPLANATION AND AUTHORITY 32 2. RESTRICTION STAGES 32 SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	SECTIO	N V EMEDGENCY WATER HEE DESTRICTIONS	20
2. RESTRICTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG. 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38			
SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG. 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38		PLANATION AND AUTHORITY	32
SECTION VI – COMMUNICATIONS 33 1. COMMUNICATION LOG. 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	2. RE	STRICTION STAGES	32
1. COMMUNICATION LOG 34 SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38			
SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	SECTIO	N VI - CUMMUNICATIONS	33
SECTION VII – ASSESSMENT OF AVAILABLE EQUIPMENT 35 1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	1. C c	MMUNICATION LOG	24
1. EMERGENCY COMMUNICATIONS EQUIPMENT 35 A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38		WINDING/THOM ECO	
A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	CECTIO		
A. CB Radios: 35 B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	SECTIO		
B. Cellular Phones: 35 C. Pagers: 35 D. Other Communication Equipment Available: 35 2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. Power Supply Equipment 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38		N VII – ASSESSMENT OF AVAILABLE EQUIPMENT	35
2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	<u>1. EN</u>	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT	3 5
2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	<u>1. EN</u>	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios:	35 35
2. EMERGENCY WATER SUPPLY EQUIPMENT. 35 A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	<u>1. EN</u>	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones:	35 35 35
A. Bulk Water Supply Truck 35 B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	<u>1. EN</u>	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers:	35 35 35 35
B. Other Emergency Water Supply Equipment 36 C. Parts Available for Emergency Interconnections 36 3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	1. EM A. B. C. D.	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available:	35 35 35 35 35
3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	1. EM A. B. C. D. EM	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: ERGENCY WATER SUPPLY EQUIPMENT	35 35 35 35 35
3. POWER SUPPLY EQUIPMENT 36 A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	1. EM A. B. C. D. 2. EM A.	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: ERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck	35 35 35 35 35 35
A. Power Sources 36 B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	1. EM A. B. C. D. 2. EM A.	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: ERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment	35353535353535
B. Generators 36 4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. SPARE PARTS FOR WATER SOURCE 38	1. EM A. B. C. D. 2. EM A. B. C.	IERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections	35 35 35 35 35 35 35
4. VEHICLES AND CONSTRUCTION EQUIPMENT 37 A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	1. EM A. B. C. D. 2. EM A. B. C. 3. PO	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT ERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT	353535353535353536
A. Pickup Trucks, Vans, and other Vehicles 37 B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	1. EM A. B. C. D. 2. EM A. B. C. 3. PO	N VII – ASSESSMENT OF AVAILABLE EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: BERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT Power Sources	353535353535353636
B. Dump Trucks 37 C. Construction Equipment 37 5. Spare Parts for Water Source 38	1. EM A. B. C. D. 2. EM A. B. C. 3. PO A. B.	IERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT Power Sources Generators	353535353535363636
5. Spare Parts for Water Source	1. EM A. B. C. D. EM A. B. C. S. PO A. B. VE	IN VII – ASSESSMENT OF AVAILABLE EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT Power Sources Generators Generators HICLES AND CONSTRUCTION EQUIPMENT	3535353535353636363636
5. Spare Parts for Water Source	1. EM A. B. C. D. EM A. B. C. S. PO A. B. VE	IERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT. Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT. Power Sources Generators HICLES AND CONSTRUCTION EQUIPMENT Pickup Trucks, Vans, and other Vehicles	353535353535363636363637
5. Spare Parts for Water Source	1. EM A. B. C. D. 2. EM A. B. C. PO A. VE	IERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT. Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT Power Sources Generators HICLES AND CONSTRUCTION EQUIPMENT Pickup Trucks, Vans, and other Vehicles Dump Trucks	35353535353536363636363737
	1. EM A. B. C. D. EM C. A. B. C. PO A. B. VE A. B. C. PC A. B. C. PC	IERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT Power Sources Generators HICLES AND CONSTRUCTION EQUIPMENT Pickup Trucks, Vans, and other Vehicles Dump Trucks Construction Equipment	35 35 35 35 35 35 35 36 36 36 37 37
	1. EM A. B. C. D. EM C. A. B. C. PO A. B. VE A. B. C. PC A. B. C. PC	IERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT Power Sources Generators HICLES AND CONSTRUCTION EQUIPMENT Pickup Trucks, Vans, and other Vehicles Dump Trucks Construction Equipment	35 35 35 35 35 35 35 36 36 36 37 37
B. List of Spare Parts for Pump(s) and Well(s):	1. EM A. B. C. D. EM C. A. B. C. A. B. A. B. C. SP 5. SP	IERGENCY COMMUNICATIONS EQUIPMENT CB Radios: Cellular Phones: Pagers: Other Communication Equipment Available: IERGENCY WATER SUPPLY EQUIPMENT Bulk Water Supply Truck Other Emergency Water Supply Equipment Parts Available for Emergency Interconnections WER SUPPLY EQUIPMENT Power Sources Generators. HICLES AND CONSTRUCTION EQUIPMENT Pickup Trucks, Vans, and other Vehicles Dump Trucks Construction Equipment ARE PARTS FOR WATER SOURCE	35353535353536363636373737

State of Nebraska

	Public Water Systems Emergency Response Plan Template	
<u>6.</u>	Spare Parts for the Distribution System	38
E	B. <u>List of Spare Valves</u>	39
(A. <u>List of Spare Piping</u> B. <u>List of Spare Valves</u> C. <u>Other Parts Available (Distribution System)</u>	
7.	SPARE PARTS FOR TREATMENT	
		40
E	A. <u>Spare Chemical Feed Pump(s)</u>	
8.		
	A. Additional Parts Not Listed Above	40
SEC	TION VIII – RECOVERY	11
<u>1.</u>	RECOVERY PERIOD CHECKLIST	41
<u>2.</u>	RECOVERY PERIOD CHECKLIST PRELIMINARY DAMAGE ASSESSMENT	42
SEC	TION IX -EVALUATION	43
<u>JLU</u>	TION IX LYALVATION	
1	EVALUATION REPORT FORM	43

Section I - Introduction

1. Purpose

This emergency plan was developed as a guideline for the operators and administration of in order to minimize disruption of normal services to its consumers and to provide public health protection and safety during an emergency. Emergency response planning should be a coordinated and planned process. Proper planning can lessen the impact of an emergency. This plan was designed to address various emergency hazards that may occur in rural and small water systems.

2. Organization

Water Department	policies are set by	. Large expenditures (over \$) must
be approved by	. Smaller purchase	es can be made by .	

During any type of emergency, the following persons will be in charge of the water system (contact in order indicated):

			Phone	Phone Numbers (include area code)			Radio	E-
Order	Name	Position	Office	Cellular	Pager	Home	Frequency (MHz)	Mail
1								
2								
3								
4								
5								
6								

3. Plan Distribution

Copies of the emergency plan have been distributed to the following water supply personnel and other local and HHS-R&L officials as indicated below. In addition, a copy of this plan is kept at so that it can be easily accessed in the event of an emergency. All employees will be trained on implementation of the plan.

Plan Number	Distributed By	Received By	Date

4. Plan Updates

The emergency plan is updated as changes occur such as dictated by personnel, phone numbers, technology, system additions or modifications. A record of plan updates follows:

Change Number	Subject	Date	Entered By

Section II - Summary Description of the System

The following is a summary description of the system that should provide enough information about the system for use during an emergency and to assess and correct system vulnerabilities.

1. Location of Pertinent Information

ltem	Location
Distribution System Map	
Other Pertinent Maps	
Daily Reports	
Permits	
Technical Manuals	
O&M Plan	
Start-Up/Shut-Down Procedures	

Existing Source Information 2.

A. Well Information Not Applicable							
Well ID	Location	Well Depth	Well Yield	Critical Water Level ¹			
1.							
2.							
3.							
4.							
5.							
6.							
¹ Base	d upon well and aquifer characte	eristics.					
B. Su							
Location of	Location of primary intake and critical water level(s):						
Location of alternate intake and critical water level(s):							

C.	Water Quality of the Source(s)
_	
D.	Description of Surrounding Area and Susceptibility to Contamination
(ap	escription of significant potential sources of contamination in the area oproximate 1 mile radius) and susceptibility to potential contamination (see urce Water Assessment if available):
_	

E. Source Pump Information

Source ID	Pump Type	Manufacturer	H.P.	Capacity (gpm)	Phase, Voltage

(Note: Source ID includes well identification numbers as well as any other source {(ie., surface water intake pumps etc.)}

F.	Interconnections
	Information on the location of interconnection(s) to other Community or Non-Transient Non-Community public water supplies, type and size of interconnecting pipe, pumps and accessory equipment, meters at interconnection(s), normal pressures at the interconnection, volume of water available through the interconnection(s), type of agreement and approvals needed for use, procedures necessary to use interconnection, etc.
G.	Other Emergency Sources (including equipment needed to use the source)
Н.	Possible Future Sources of Water

3. Treatment Information

A.	Disinfection
Ch	emical(s) Used:
Тур	pe of Chemical Feed:
Loc	cation of Disinfection System:
	cation of Chemical
•	ote: See the Emergency Reference Table in <u>Section III-4-D</u> for Chemical Supplier ormation)
В.	Other Treatment
	ner Treatment thods(s)
Ch	emical(s) Used:
Тур	pe of Chemical Feed:
	eatment Chemicals and orage
	ooratory Chemicals and
	ote: See the Emergency Reference Table in <u>Section III-4-D</u> for Chemical Supplier ormation)
C.	Other Applicable Information (booster chlorinators, control systems, etc.)

4. Finished Water Storage

5.

Name of Storage Unit	Location	Туре	Capacity	Overflow Elevation

istribution Syst	em and Transn	nission Main(s)	nformation	

6. System Demand

Average daily demand is the system's average daily usage based upon operational records maintained during the past several years. Maximum daily demand is typically the highest daily demand experienced in recent years based upon operational records. System capacity is the maximum daily amount of water that the system is capable of treating or producing and distributing. Peak water demand is the maximum hourly demand that the system can sustain provided by storage or by production capability plus storage.

Average Daily Demand:	MGD
Maximum Daily Demand:	MGD
System Capacity	MGD
Peak Demand	GPH
7. Power	
Primary Power:	
Backup Power:	
8. Other Pertinent System Information	
8. Other Pertinent System Information Other information about the system that could be useful during a	an emergency:
	an emergency:

Section III – Emergency Response Actions

The following are the action steps that will be followed for all emergency situations:

- i. Take or direct any **immediate** response measures that are obviously needed to reduce risk to the public (see specific emergency response action below).
- ii. Notify HHS-R&L and (if applicable) the system administration.
- iii. Determine and implement other appropriate corrective actions to reduce and eliminate the effects of the emergency.
- iv. Inform consumers of the emergency situation as soon as possible, and again as the status changes.

1. Description of Emergency Response Actions

Refer below to the response action(s) for the specified emergency:

A. Power Outage

Immediate Actions:		
Other Actions:		

В.	Prolonged Water Outage
	Immediate Actions:
	Other Actions:
C.	Transmission and/or Distribution System Failure (tanks, controls, piping, etc.)
	Immediate Actions:
	Other Actions:

D. Treatment Equipment Failure

	Immediate Actions:
	Other Actions:
E.	Source Pump Failure
	Immediate Actions:
	Other Actions:

F. Loss of SCADA or Other Automated Controls

Immediate Actions:				
Other Actions:				
Contamination of S	upply (including	MCL violation	s)	
	upply (including	MCL violation	s)	
	upply (including	MCL violation	s)	
Contamination of S Immediate Actions: Other Actions:	upply (including	MCL violation	s)	
Immediate Actions:	upply (including	MCL violation	s)	

H. Chemical Incident At Facility

I.

Immediate Actions:	
Other Actions:	
D M.	
Drought	
Drought Immediate Actions:	
Immediate Actions:	
Immediate Actions:	

L. Fire at Water Supply System Facility

	Immediate Actions:
	Other Actions:
M.	Hazardous Material Release (In Watershed or Recharge Area)
M.	(In Watershed or Recharge Area)
M.	
M.	(In Watershed or Recharge Area)
M.	(In Watershed or Recharge Area) Immediate Actions:
M.	(In Watershed or Recharge Area)
M.	(In Watershed or Recharge Area) Immediate Actions:
М.	(In Watershed or Recharge Area) Immediate Actions:
М.	(In Watershed or Recharge Area) Immediate Actions:

N. Terrorism or Vandalism (actual or suspected)

	Immediate Actions:
	Other Actions:
Ο.	Earthquake
Ο.	
Ο.	Earthquake Immediate Actions:
Ο.	
О.	
О.	
О.	Immediate Actions:
О.	
О.	Immediate Actions:
Ο.	Immediate Actions:

2. Work Order Log

As response activities are undertaken, personnel will keep a record of work activities using the work order log form below.

		WORK ORD	ER LOG	
Work-Order Number	Crew	Assignment	Estimated Time of Repair	Assignment Made By

3. Emergency Reference Table

Refer to the table below for whom to contact during certain emergencies. The next table gives the phone numbers for each contact. Note that the supplier of water must notify HHS-R&L when water delivery is disrupted to 10% or more of the consumers. The supplier of water must not use water from any emergency source or stop disinfection or other treatment without receiving the approval of HHS-R&L.

In addition, the supplier of water must make public notification when a condition exists which according to HHS-R&L constitutes a public health hazard. The water supplier must also notify the chief administrative/elected official where the public water system is located and the local law enforcement

department having jurisdiction.

Emergency	Emergency Responders	State & Local Agencies	Local Contacts	Chem. Suppliers	Equip. Repair & Supplies	Utilities	Bulk Water Suppliers	Media
Power Outage								
Prolonged Water Outage								
Transmission/Distribution System Failure								
Treatment Equipment Failure								
Source Pump Failure								
Loss of SCADA or Other Automated Controls								
Contamination of Supply								
Chemical Incident at Facility								
Terrorism/Vandalism								
Drought								
Flood								
Severe Weather								
Earthquake								
Fire								
Hazardous Material Release in Watershed or Recharge Area								

Emergency Reference Table Contacts and Phone Numbers Emergency Responders

ORGANIZATION	CONTACT NAME/TITLE	PHONE (DAY)	PHONE (NIGHT)	PAGER/EMAIL E-MAIL
Fire Department				
Police Department				
FBI Field Office (for terrorism or sabotage) Emergency Medical Service				
HHS-R&L	Field Rep.		402-499-6922 24hr	
HHS-R&L Office	Jack Daniel	402-471-0510	402-499-6922 24hr	jack.daniel@hhss.state. ne.us
National Spill Response Center	24 Hour Hotline	1 (800)	424-8802	
State (DEQ) Spill Hotline	24 Hour Hotline			
Poison Control	1-800-955-9119			
Water System Operators/Managers				
(also see table in Section I-2)				

State and Local Agencies Notification List В.

ORGANIZATION	CONTACT NAME/TITLE	PHONE (DAY)	PHONE (NIGHT)	PAGER/EMAIL
HHS-R&L	Doug Woodbeck	, ,	71-0521	doug.woodbeck@hhss.state.ne.us
	Randy Fischer	402-471-1007	402-416-2558	randy.fischer@ hhss.state.ne.us
Local County Dept. of Health				
Department of	Regional Office -			
Environmental Quality	24 Hour Spill Hotline			
State Emergency Management Office		402-471-7425 24hr.	1-877-297- 2368	
Hazmat Hotline				
County Emergency Management Office				
Nebraska Rural Water Association				

C. Local Contact Notification List

ORGANIZATION	CONTACT NAME/TITLE	PHONE (DAY)	PHONE (NIGHT)	PAGER OR E-MAIL
Government Officials				
Hospitals				
Pharmacy				
Priority Water Users				
(Those that are critically dependent upon water including				
schools, nursing homes, dialysis centers, institutions,				
Individuals, businesses, interconnected water systems, etc.)				
Others				

D. Chemical Supplier Information

CHEMICAL	SUPPLIER	CONTACT INDIVIDUAL	PHONE (DAY)	PHONE (NIGHT)	PAGER OR EMAIL

E. System Equipment Repair and Supplies Contact Information

ORGANIZATION	CONTACT NAME/TITLE	PHONE (DAY)	PHONE (NIGHT)	PAGER OR E-MAIL
Electrician				
Plumber				
Pump Specialist				
Soil Excavator/Backhoe Operator				
Equipment Rental (Power Generators)				
Equipment Rental (Chlorinators)				
Equipment Rental (Portable Fencing)				
Equipment Repairman				
SCADA Repair Service				
Pump Supplier				
Well Drillers				
Pipe Supplier				
Local/Regional Analytical Laboratory				

F. Utilities Contact Information

ORGANIZATION	CONTACT NAME/TITLE	PHONE (DAY)	PHONE (NIGHT)	PAGER OR E-MAIL
Electric Utility Company				
Gas Utility Company				
Sewer Utility Company				
Telephone Utility Company				
"Diggers Hotline", UFPO or local equivalent				

G. Bulk Water Suppliers

ORGANIZATION	CONTACT NAME/TITLE	PHONE (DAY)	PHONE (NIGHT)	PAGER OR E-MAIL
Bulk Water Hauler				
Bottle Water Source				

H. Media Notification List

ORGANIZATION	CONTACT NAME/TITLE	PHONE (DAY)	PHONE (NIGHT)	PAGER OR E-MAIL
Designated Water System Spokesperson				
Newspaper - Local				
Newspaper – Regional/State				
Radio				
Television				
Other				

Section IV - Consumer Notification

The must make public notification when a condition exists which according to HHS-R&L constitutes a public health hazard. The must also notify the chief administrative/elected official () where the public water system is located and the local law enforcement department having jurisdiction ().

Consumers will be notified as soon as possible of any emergency that potentially affects them. The public will be notified of emergencies that pose an immediate threat to health or safety through media outlets such as television, radio, and newspapers. A list of media contacts can be found in Section III–3-H. In addition, emergency notices will be posted in the following public places:

Critical users will be notified directly, if necessary. These are customers of the system who could be severely impacted immediately by a water system disruption, including schools, institutions, senior citizens complexes, water-dependent businesses, interconnected water systems, medical and dental clinics, restaurants, and individuals with home dialysis machines or other life support devices sensitive to water quality changes. A list of these can be found in Section III-3-C.

Examples of some public notifications follow:

water has high levels of nitrate

DO NOT GIVE THE WATER TO INFANTS UNDER 6 MONTHS OLD OR USE IT TO MAKE INFANT FORMULA

Water sample results received [date] showed nitrate levels of [level and units]. This is above the nitrate standard, or maximum contaminant level (MCL), of [state/federal MCL]. Nitrate in drinking water is a serious health concern for infants less than six months old; this includes pregnant women and nursing mothers because of the transfer of nitrate to the fetus or baby through the mothers milk or blood.

What should I do?

- S DO NOT GIVE THE WATER TO INFANTS. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome. Blue baby syndrome is indicated by blueness of the skin. Symptoms in infants can develop rapidly, with health deteriorating over a period of days. If symptoms occur, seek medical attention immediately.
- Water, juice, and formula for children <u>under six months of age</u> should not be prepared with tap water. Bottled water or other water low in nitrates should be used for infants until further notice.
- \$ DO NOT BOIL THE WATER. Boiling, freezing, filtering, or letting water stand does not reduce the nitrate level. Excessive boiling can make the nitrates more concentrated, because nitrates remain behind when the water evaporates.
- Adults and children older than six months can drink the tap water (nitrate is a concern for infants because they can't process nitrates in the same way adults can). However, if you are pregnant or have specific health concerns, you may wish to consult your doctor.

What happened? What is being done?

Nitrate in drinking water can come from natural, industrial, or agricultural sources (including septic systems and run-off). Levels of nitrate in drinking water can vary throughout the year. We'll let you know when the amount of nitrate is again below the limit.

Describe corrective action, seasonal fluctuations, and when system expects to return to compliance.

roi more imormation, piease contact	al	OI	•	
This notice is being sent to you by Date distributed:	, State Wa	ter Syste	m ID#:	

water is contaminated with fecal coliform or *E. coli* bacteria

BOIL YOUR WATER BEFORE USING

Fecal coliform or E. coli bacteria were found in the water supply on . These bacteria can make you sick, and are a particular concern for people with weakened immune systems.

What should I do?

- S DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST. Bring all water to a rolling boil and let it boil for at least one minute then let it cool before using; or use bottled water. Boiled or bottled water should be used for drinking, making ice, brushing teeth, washing dishes, and food preparation until further notice. Boiling kills bacteria and other organisms in the water.
- X Fecal coliform or E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- The symptoms above are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

What happened? What is being done?

Bacterial contamination can occur when increased run-off enters the drinking water source (for example, following heavy rains). It can also happen due to a break in the distribution system (pipes) or a failure in the water treatment process.

Describe corrective action. We will inform you when tests show no bacteria and you no longer need to boil your water. We anticipate resolving the problem within [estimated time frame].

For more information, please contact at or . General guidelines on ways to lessen the risk of infection by microbes are available from the EPA Safe Drinking Water Hotline at 1(800) 426-4791.

This notice is being sent to you by	, State Water System ID#:	
Date distributed: .		

BOIL YOUR WATER BEFORE USING

water supply.

. We learned of a waterborne

Disease-causing organisms have entered

These organisms are causing illness in people served by

dis	ease outbreak from on .
Wł	nat should I do?
\$	DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST. Bring all water to a rolling boil and let it boil for at least one minute then let it cool before using; or use bottled water. Boiled or bottled water should be used for drinking, making ice, brushing teeth, washing dishes, and food preparation until further notice. Boiling kills bacteria and other organisms in the water.
\$	[Describe symptoms of the waterborne disease.] If you experience one or more of these symptoms and they persist, contact your doctor. People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers.
Wł	nat happened? What is being done?
De	scribe the outbreak, corrective action, and when the outbreak might end.
We	e will inform you when you no longer need to boil your water.
les	r more information, please contact at or . General guidelines on ways to sen the risk of infection by microbes are available from the EPA Safe Drinking Water Hotline 1(800) 426-4791.
	is notice is being sent to you by , State Water System ID# . te distributed:

has high turbidity levels

BOIL YOUR WATER BEFORE USING

The (PWS Name) routinely monitors your water for turbidity (cloudiness). This tells us whether we are effectively filtering the water supply. A water sample taken showed turbidity levels of [number] turbidity units. This is above the standard of turbidity units. Because of these high levels of turbidity, there is an increased chance that the water may contain disease-causing organisms.

What should I do?

- S DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST. Bring all water to a rolling boil and let it boil for at least one minute then let it cool before using; or use bottled water. Boiled or bottled water should be used for drinking, making ice, washing dishes, brushing teeth, and food preparation until further notice.
- \$ Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease causing organisms. These organisms include bacteria, viruses, and parasites, which can cause symptoms such as nausea, cramps, diarrhea, and associated headaches. People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers.
- The symptoms above are not caused only by organisms in drinking water. If you experience any of these symptoms and they persist, you may want to seek medical advice.

What happened? What is being done?

Describe reason for the high	turbidity, corrective	e action, and whe	en the system of	expects to	return
to compliance.					

We will inform you when turbidity returns to appropriate levels and when you no longer need to boil your water.

For more information, please contact	at	or		General	guidelines on	ways to	lessen
the risk of infection by microbes are available	e from the	EPA	Safe	Drinking	Water Hotline	at 1(800) 426-
4791.							

This notice is being s	sent to you by	, State Water System ID#:	
Date distributed:			

DRINKING WATER PROBLEM CORRECTED

were advised to descri problem has been corr	ected and th	ended a nat it is i	ction. We a	olem with our drinking water and are pleased to report that the necessary to describe enience and thank you for your	
Add further details here	e when appı	ropriate.			
As always, you may co	ontact	at	or	with any comments or question	S.
This notice is being se	nt to you by	,	State Wate	er System ID#:	
Date distributed:	_				

Section V Emergency Water Use Restrictions

1. Explanation and Authority

During periods of a drought, a major leak, a system failure, or excessive consumption beyond the capacity of the system, etc., the has the capability to conserve and restrict water use based upon the local water system regulations found in During times of drought or other problems that limit the availability of water, public notice of water use restrictions will be issued by:

2. Restriction Stages

Following are the levels or stages of restrictions that will be applied, the conditions that generally will trigger them, and the types of restrictions that are applied. The conditions that trigger various restriction stages could be based upon critical source water levels indicated in Section II-2-A or other conditions such as imminent loss of water or pressure.

Restriction Stage	Stage Trigger(s)	Restrictions
I		
ı		
II		
"		
III		

Section VI – Communications

In	the event of an emergency, the primary line of communication will be (check one):
	Telephone Cellular Phone Radio System
	Other:
C	the primary line of communication is not functional, the back-up line of ommunication will be theck one):
	Telephone
	Cellular Phone
	Radio System Other:
_	
O	ther lines of communication include:
D	hone Service Emergency Provisions:
	the event that the phone lines are not functioning, the phone company will be informed. ne operator in charge will also inquire how long the facility will be without phone service.
S	pecific Communication Instructions:
	See the Organizational Structure in <u>Section I-2</u> and the Emergency Reference Table in <u>Section III-3</u> for phone numbers and radio use for key individuals.
	Additional Instructions:

1. Communication Log

COMMUNICATION LOG			
Date	Time	Request	Action Taken

1.

2.

Section VII – Assessment of Available Equipment

	Emergency Communi Note: See Section I-2 (C	cations Equipment rganization Table) for telephone contacts.
Α	CB Radios:	
	Number of Radios:	
	Location(s) of Radios:	
В	Cellular Phones:	
	Number of Cellular Phon	98:
	Location(s) of Cellular Phones:	
C	Pagers:	
	Number of Pagers:	
	Location(s) of Pagers:	
D	Other Communication	n Equipment Available:
	Emergency Water Su	ply Equipment
A	Bulk Water Supply T Contact for truck:	uck
	Location(s) that truck(s) will Set up during an emergenc	

B. Other Emergency Water Supply Equipment

Item	Location and Contact

C. Parts Available for Emergency Interconnections

Item	Location and Contact

3. Power Supply Equipment

۸	Power Sources	
_	Fower Sources	

Primary Power Source:	
Alternate Power Sources:	
Location of Fuel:	

B. Generators

Make/Model	Phase/ Voltage/ Amps	Contact Individual	Phone No.	Location of Storage	Location of Use

4. Vehicles and Construction Equipment

A. Pickup Trucks, Vans, and other Vehicles

	4x	4?			Location of
Make and			Ourner	Phone	Vehicle and
Model	Yes	No	Owner	Number	Keys

B. Dump Trucks

Make and Model	Capacity (tons)	Owner	Phone Number	Location of Vehicle and Keys

C. Construction Equipment

ltem (include make/model)	Owner	Phone Number	Location of Item

5. Spare Parts for Water Source

Δ . Spare runip(s).	Α.	Spare	Pump	s)):
----------------------------	----	-------	------	----	----

Pump Type	Manufacturer	H.P.	Capacity (gpm)	Phase, Voltage

B. List of Spare Parts for Pump(s) and Well(s):

Part	Location

6. Spare Parts for the Distribution System

A. List of Spare Piping

Part	Location

B. List of Spare Valves

Part	Location

C. Other Parts Available (Distribution System)

Part	Location

7. Spare Parts for Treatment

8.

A. Spare Chemical Feed Pump(s)

Manufacturer	Model	Location of Spare			
List Spare Parts for F Pump:	Feed	Location:			
_					
Reserve Chemicals					
Location of reserve supply of chemicals:					
scellaneous Parts for Additional Parts No	the System of Listed Above				

Section VIII - Recovery

Returning to normal operations is vital to rapid restoration of clean, safe water to the community and is essential to the assessment and recovery process. The following is a checklist of actions to be taken during the recovery period. A copy of this checklist will be kept for each water supply emergency event. Also included is a preliminary damage assessment to be used in the recovery process.

ASSESSMENT & RECOVERY PERIOD CHECKLIST

1.

	Perform in-depth damage assessment of system to determine long-term effects of damaged areas (use assessment form below). Prepare a preliminary damage report.
	Notify your local health department and HHS-R&L of system status and

Notify your local health department and HHS-R&L of system status and situation.
Will there be a need to use mutual aid agreements and/or implement standby contracts or other emergency agreements for equipment and operations?
Prepare written documentation of emergency work performed for possible compensation by emergency agencies. Make sure that crews make a record of work effort, written logs (see Work Order Log in Section III) and take pictures. This will all be helpful in recovery of funds.
After completion of emergency repairs, rest the crews and return, if possible, to more normal work schedules.
Notify appropriate insurance carriers. Provide written and photo documentation of damage.
Assist in the survey of emergency repairs and scheduling of permanent repairs.
Assist in the inventory of repair supplies and replacement stock.
Servicing of emergency equipment, when able. (oil changes, lubrication, etc.)

emergency.

Make sure the public is kept informed throughout the extent of the

2. PRELIMINARY DAMAGE ASSESSMENT

☐ Determine need to repair, replace, or abandon facilities			☐ Check if power is available and condition of mechanical and electrical equipment				
☐ Estimate cost to repair damage			☐ Check for chemical spills or releases				
□ Evacuate buildings in danger of collapse							
Confirm that field crew does the following:							
□ Check for structural damage			☐ Closes and tags damaged facilities; and equipment				
Tanks:							
□ Check for evidence of failure of subbase							
Reservoirs:							
Check for: ☐ Leaks	□ Cracks	□ Seepage	□ Brok	cen inlet/outlet pipes, underdrains			
□ Landslides	□ Check for	buckling	□ Emb	ankment slump			
Distribution Syste	m:						
Check for: ☐ Leaks ☐ Br	eaks □ Pre	essure loss in	lines	□ Cross-connections			
$\hfill\Box$ Check mechanical couplings \hfill Lower water levels to reduce possibility of structural damage							
Wells:							
☐ Check for physic	cal damage to	facilities	□ Test	for contamination			
□ Name, address, phone # for private lab:				☐ Check for pump or motor failure			
☐ Check power so	ource						

Following the Damage Assessment notify HHS-R&L of the findings.

Section IX -Evaluation

At the conclusion of the water supply emergency event, will assemble and prepare an after-event evaluation report. This report assesses the actions and responses to an emergency. A sample form for this evaluation report follows:

1. Evaluation Report Form

Introduction

Emergency Declaration
Purpose of Report
Emergency Mitigation Planning
History

Description of Emergency

Geography
Chronology
Damages and Impact
Statistics

Recommendations

Issue

Background

Recommendation

Lead

Support

Funding

Schedule

Appendices

Maps

List of Participants