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Emergency Preparedness Plan Template

For All Affected Utilities Except Fort Bend and Harris Counties

Assistance

If you need assistance with the EPP template please fill out the **EPP Help Form at www.tceq.texas.gov/goto/epp-help** and TCEQ will contact you via email or phone to work with you.

General Information

Water System Name:	**City of La Vernia**
PWS ID No. (if applicable):	**2470004**
District No. (if applicable):	
County:	**Wilson**
CCN No. (if applicable):	**10689**
Owner:	**City of La Vernia**
Prepared by:	**Clarence Littlefield**
Preparer's Phone No.:	**830-672-7546**
Preparer's Email:	
Preparer's Mailing Address:	**307 St. Lawrence, Gonzales, Tx 78629**
Preparer Title:	**Project Engineer**
Preparer's Organization:	**Southwest Engineers**
Expected Completion Date	**Completed**

Option(s) Chosen:

1. Refer to Section III-ALTERNATE POWER OPTIONS OVERVIEW.
   Circle **all** Option(s) that will provide emergency operations during extended power outages lasting more than 24 hours for this affected utility.

   (1) 2A 2B 3A 3B 4 5 6 7 8A 8B (9) 10A 10B 11 12 13 14

2. Short Explanation of Proposed Emergency Preparedness Plan (i.e. *Using portable generator to power 2 out of 3 wells*): A generator is connected to power Well #6 and the High Service Pumps at the Filtration Plant which will then be used to fill a 500,000 gallon Elevated Tank, and a second generator is set up to power the booster pumps which serve the water system's second pressure plain.

3. Will this plan provide for 20 pounds per square inch (psi) of pressure to all your direct customers during a power outage lasting more than 24 hours caused by a natural disaster? Yes

I certify, under penalty of law, that all the information provided herein is true and accurate to the best of my knowledge.

Signature: Title: Professional Engineer Date: 1/31/2024

UPDATES TO EMERGENCY PREPAREDNESS PLAN (EPP)

The EPP is updated as changes occur such as dictated by personnel, phone numbers, water plant additions, modifications, and serving additional water systems.

Record updates below:

Last Updated By	Title	Purpose (page #s)	On (Date)
Clarence Littlefield	Project Engineer	Updated to correct errors (ALL)	1/31/24

SECTION I – INTRODUCTION

1. APPLICABILITY

This emergency preparedness plan template was developed for the operators and administrators of affected utilities to comply with the requirements for "affected utilities" in Texas Water Code, Section 13.1394 as required by Senate Bill 3 (SB 3) and to demonstrate the affected utility's ability to provide emergency operations during extended power outages lasting **more than 24 hours**.

An ***affected utility*** is a retail public utility, exempt utility, or provider or conveyer of potable or raw water service that furnishes water service to more than one customer, provides overnight accommodations, and **is not** an affected utility under Texas Water Code, Section 13.1395. An ***extended power outage*** means a power outage lasting more than 24 hours.

If you believe that you are NOT an affected utility please email PDWEPP@tceq.texas.gov to ensure that the requirements do not apply to the water system.

A. Describe Your Water System. Check all that apply.

☒ **Residential** ☒ **Commercial** ☐ **Industrial** ☐ **Wholesale** ☒ **Institution**

B. Is This EPP For An ☒ Existing or ☐ Proposed Water System?

2. CONTACT INFORMATION

During any type of emergency, the following person(s) will be responsible for the water system (contact will be attempted in the order indicated):

Name	Title in the Organization	E-mail	Office Phone Number	Cell Phone Number	Home Phone Number	Other Phone Number
Yvonne Griffin	City Administrator		830-779-4541 ext.5			
Josh Delazerda	Public Work Director		830-251-9559			
Lindsey Wheeler	City Secretary		830-779-4541 ext.3			
Martin Poore	Administrative Contact - Mayor		830-779-4541			

3. Location of Maps

The maps are not required to be submitted to TCEQ for review of the EPP but should be available in case of an emergency to enable staff to locate valves, lines, and meters.

Where are your distribution system(s) map(s) located? Office

4. Diagram of Water System

Submit a diagram of your drinking water system that shows all equipment (source(s), tank(s), pumps), treatment chemicals, and any open or closed interconnects with other water systems. Diagram is attached below.

Section II – DESCRIPTION OF THE WATER SYSTEM

IMPORTANT: Include only the equipment located at your water system, not the equipment located at another water system unless two or more systems rely on each other for emergency purposes and it is documented in a contract or written agreement.

1. SOURCE INFORMATION

A. Does Your Water System Have A Ground Water Well(s)? YES ☒ NO ☐ **(If NO, go to 1.B)**

TCEQ Source ID	Owner's Designation	Well Location	Used During an Emergency?	Pump Capacity
G2470004F	6	DWW- HWY 87/ PULLMAN RD, ACTUAL- CR 342	YES ☒ NO ☐	325 gpm
G2470004G	7	CR 342	YES ☐ NO ☒	380 gpm
			YES ☐ NO ☐	gpm

B. Does Your Water System Treat Surface Water or Ground Water Under the Influence of Surface Water Sources(s)? YES ☐ NO ☒ **(If NO, go to 1.C)**

TCEQ Source ID	Owner's Designation	Intake Location	Used During an Emergency?	Number of Pumps	Total Pump Capacity at Intake
			YES ☐ NO ☐		gpm
			YES ☐ NO ☐		gpm
			YES ☐ NO ☐		gpm

C. Does Your Water System Purchase (or Receive) Water? YES ☒ NO ☐ **(If NO, go to 2.A)**

i. Is this affected utility a direct pressure system? (Does the provider's water flow directly into your distribution system, not into a tank? Direct pressure systems generally have no tanks or pumps.)
YES ☒ NO ☐

ii. Does this affected utility re-pressurize the water received from the provider? (Does the water from the provider flow into a tank which is then pumped out into the distribution system by your own pumps?) YES ☐ NO ☒

Provider Name	PWS ID	Pressure Plane *(if more than 1 plane)*	Will You Rely on This Provider for Water During an Emergency?	Will You Rely on This Provider for Pressure at Your Customer's Connections During an Emergency?	Capacity	Normally Open or Closed Interconnect?
CRWA Wells Ranch	0940096	1	YES ☐ NO ☒	YES ☐ NO ☒	2708 gpm	Open
			YES ☐ NO ☐	YES ☐ NO ☐	gpm	
			YES ☐ NO ☐	YES ☐ NO ☐	gpm	

2. TREATMENT INFORMATION

A. Does Your Water System Disinfect the Water? YES ☒ NO ☐ **(If NO, go to 2.B)**

Disinfectant	Location *(Plant Name)*	Disinfectant Used During an Emergency?	Type of Disinfectant *(Liquid/Gas)*	Volume Stored *(gals or lbs.)*	Days of Storage *(Emergency Demand)*	Electricity Required to Feed Disinfectant?
Chlorine	Filter Plant	YES ☒ NO ☐	Gas	750 lbs.	5 weeks	YES ☒ NO ☐
		YES ☐ NO ☐				YES ☐ NO ☐

B. Does Your Water System Provide Treatment Other Than Disinfection? YES ☒ NO ☐ **(If NO, go to 2.C)**

Chemical	Location *(Plant Name)*	Chemical Used During an Emergency?	Type of Chemical *(Liquid/Gas)*	Volume Stored *(gals or lbs.)*	Days of Storage *(Emergency Demand)*	Electricity Required to Feed Chemical
Rapid Sand Filter	Filter Plant	YES ☒ NO ☐	NA	NA	NA	YES ☐ NO ☒
		YES ☐ NO ☐				YES ☐ NO ☐
		YES ☐ NO ☐				YES ☐ NO ☐

C. Does Your Water System Have Any Service or Transfer Pump(s)? These are the pumps located within the treatment processes of your treatment Plant(s). (Do not include well or intake pumps)

YES ☒ NO ☐ (If NO, go to 3.A)

Pump	Location *(Plant Name)*	Pump Used During an Emergency?	Equipment Directly Before Pump	Equipment Directly After Pump	Pump Capacity
Filter Pump 250gpm	Filter Plant	YES ☒ NO ☐	Filter	55,000-gal Old Elevated Tank	250 gpm
Filter Pump 250gpm	Filter Plant	YES ☒ NO ☐	Filter	55,000-gal Old Elevated Tank	250 gpm
Filter Pump 170gpm	Filter Plant	YES ☒ NO ☐	Filter	55,000-gal Old Elevated Tank	170 gpm
Filter Pump 170gpm	Filter Plant	YES ☒ NO ☐	Filter	55,000-gal Old Elevated Tank	170 gpm
PF16330	Woodcreek	YES ☒ NO ☐	Elevated Tank	Pressure Tank	150 gpm
PF16329	Woodcreek	YES ☒ NO ☐	Elevated Tank	Pressure Tank	150 gpm
PF1634	Old Elevated Tank	YES ☒ NO ☒	55,000-gal Old Elevated Tank	Elevated Tank	300 gpm
PF1635	Old Elevated Tank	YES ☒ NO ☒	55,000-gal Old Elevated Tank	Elevated Tank	300 gpm
PF1636	Old Elevated Tank	YES ☒ NO ☒	55,000-gal Old Elevated Tank	Elevated Tank	150 gpm

3. DISTRIBUTION SYSTEM INFORMATION

A. Does Your Water System Have Distribution Pumps? YES ☒ NO ☐ **(If NO, go to 3.B)**

Pump	Location *(include pressure plane)*	Pump Used During an Emergency?	Equipment Directly Before Pump	Equipment Directly After Pump	Pump Capacity
PF16325	HEB Facility (PP1)	YES ☐ NO ☒	Ground Storage Tank	Distribution System	1,000 gpm
PF16326	HEB Facility (PP1)	YES ☐ NO ☒	Ground Storage Tank	Distribution System	1,000 gpm
		YES ☐ NO ☐			

Pump	**Location** *(include pressure plane)*	**Pump Used During an Emergency?**	**Equipment Directly Before Pump**	**Equipment Directly After Pump**	**Pump Capacity**
		YES ☐ NO ☐			

B. Does Your Water System Have Any Finished Water Storage/Pressurization Tanks?

YES ☒ NO ☐ (If NO, go to 4.A)

Tank Type (*Elevated, Hydropneumatic, Ground or Standpipe*)	**Location** *(include pressure plane)*	**Tank Used During an Emergency?**	**Equipment Directly Before Tank**	**Equipment Directly After Tank**	**Tank Capacity**
Elevated	Woodcreek	YES ☒ NO ☐	High Service Pumps	Distribution System/ Booster Pumps	500,000 gal
Hydropneumatic	Woodcreek	YES ☒ NO ☐	Booster Pumps	Distribution system	2,500 gal
Elevated (acts as GST)	Filter Plant	YES ☒ NO ☐	Filters	High Service Pumps	55,000 gal
Ground Storage Tank	HEB	YES ☐ NO ☒	CRWA Supply	High Service Pumps	250,000 gal

4. PRESSURE PLANES

Does Your Water System Have More Than One Pressure Plane? YES ☒ NO ☐ **(If NO, go to 5)**

Pressure Plane	TCEQ Source ID(s) or Provider PWS ID(s)	Plant Names(s) *(If Applicable)*	Pump Names(s) *(If Applicable)*
1	**2470004**	City of La Vernia	CR 342, Filter Plant
2	**2470004**	Woodcreek Subdivision	Woodcreek Pressure Tank

5. SYSTEM DEMAND

Emergency Operation means the demand in MGD from highest usage within last 3 years, exclude fire events and large water main breaks.

Demand Information	Normal Operation	Emergency Operation
Average Daily Demand:	0.35 MGD	0.175 MGD
Maximum Daily Demand:	0.559 MGD	0.280 MGD
System Capacity:	5.256 MGD	2.628 MGD

6. SYSTEM SIZE

A. Does Your Water System Sell/Provide Water to Other Water Systems?

YES ☐ NO ☒ (If NO, go to 6.B)

Receiver/Buyer Name	PWS ID *(if applicable)*	Normally Open or Normally Closed Interconnect?	Will You Provide 20 psi Throughout the Receiver's Distribution System During an Emergency?	Number of Connections in the Receiver's Water System	Population of the Receiver's Water System
			YES ☐ NO ☐		
			YES ☐ NO ☐		
			YES ☐ NO ☐		

B. Number of Connections and Population in Each Pressure Plane in Your Water System?

(If applicable, include any connections from other water systems you may serve in the table in 6.A)

Pressure Plane *(if applicable)*	Number of Connections	Population
City of La Vernia	700	2100
Woodcreek	50	150

7. POWER PROVIDER(s)

Electric Utility or Retail Electrical Provider(s)	GVEC

8. ELECTRICAL SCHEMATIC

Provide an electrical schematic or diagram of your water system's emergency power facilities and the equipment (treatment(s), supply, pressure maintenance, etc.) that is powered. Diagram is attached below.

9. OTHER PERTINENT SYSTEM INFORMATION

Other information about the system that could be useful during an emergency:

Section III– Alternate Power Options Overview

The following is a list that will assist in determining which option (or options) should be selected to demonstrate the ability to provide emergency operations during extended power outages lasting more than 24 hours. Provide the required information on the following applicable pages. You must select at least one option and **options (7-13) may require more than one option.**

OPTION 1: PERMANENTLY INSTALLED AUTOMATIC STARTING AUXILIARY GENERATOR(S)

COMPLETE OPTION 1 – Sections A through C

OPTION 2A: YOUR SYSTEM WILL RELY ON YOUR PROVIDER DURING AN EXTENDED POWER OUTAGE

The type of systems that will utilize this option are a distribution only system which receives water under direct pressure relying on their provider for water at 20 psi throughout their distribution system. A water system receives water to a tank and re-pressurizes the water to maintain 20 psi in their distribution system may also choose this option. Choose if you will rely on a water provider *during an extended power outage.*
COMPLETE OPTION 2A – Sections A and B

OPTION 2B: MEMBER OF TXWARN

A **"distribution only" system** may only use this option if it needs certified staff for operational purposes or needs equipment to repair their distribution system. **A distribution only system** will need to choose Option 2A for the purpose of maintaining 20 psi in its distribution system during an extended power outage.
COMPLETE OPTION 2B – Sections A through B

OPTION 3A: NEGOTIATION OF LEASING AND CONTRACTING AGREEMENTS

Your facility has obtained a leasing or contract agreement for emergency power equipment and fuel. The agreement(s) must provide for coordination with the Texas Division of Emergency Management.
COMPLETE OPTION 3A – Sections A through D

OPTION 3B: MUTUAL AID AGREEMENT(S) WITH OTHER WATER PROVIDERS

Your facility is a member of another mutual aid provider, you have identified, and will make available one or more resources with another mutual aid provider. Your facility has obtained mutual aid agreement(s) for emergency power equipment and fuel with other water providers including retail, exempt, potable, or raw water providers. The agreement(s) must provide for coordination with the Texas Division of Emergency Management.
COMPLETE OPTION 3B – Sections A through B

OPTION 4: USE OF PORTABLE GENERATOR(S) CAPABLE OF SERVING MULTIPLE FACILITIES EQUIPPED WITH QUICK-CONNECT SYSTEMS

A portable generator capable of being moved to serve multiple facilities where both the portable generator and facilities are equipped with compatible quick-connect systems.
COMPLETE OPTION 4 – Sections A through D

OPTION 5: USE OF ON-SITE ELECTRICAL GENERATION OR DISTRIBUTED GENERATION FACILITIES

On-site electrical generation or distributed generation facilities. On-site electrical generation means that each facility generates, or can generate, its own power rather than being powered by a commercial electric power grid. Distributed Generation Facilities are small-scale power producing facilities located near the electrical load, which may feed into a common grid. An example is electricity generated by solar power.
COMPLETE OPTION 5 – Sections A through D

OPTION 6: HARDENING THE ELECTRIC TRANSMISSION AND DISTRIBUTION SYSTEM SERVING THE WATER SYSTEM

One alternative is to relocate electric transmission lines for the system from overhead to underground and protect them from strong winds. Another alternative is to replace overhead transmission lines, poles and rated appurtenances with ones that can withstand historical hurricane-force wind velocities, and trim or remove any trees or branches next to and above the overhead transmission lines.
COMPLETE OPTION 6 – Sections A and B

OPTION 7: USE AND MAINTENANCE OF DIRECT ENGINE OR RIGHT-ANGLE DRIVES

Direct engine or right-angle drive. This option is only available to existing facilities, **may** require more than one option, and must still provide 20 psi throughout the distribution system.
COMPLETE OPTION 7 – Sections A through C

OPTION 8A: DESIGNATION OF THE WATER SYSTEM AS A CRITICAL LOAD FACILITY

Your water system is registered with your electric provider as a critical load facility, this **will** require more than one option, and must provide 20 psi throughout the distribution system (see page 19 for additional information on the requirement for a second option). Will require documentation from your electric provider indicating your facility is protected from power loss lasting more than 24 hours.
COMPLETE OPTION 8 – Sections A and B

OPTION 8B: RECOGNITION OF THE WATER SYSTEM AS HAVING REDUNDANT, ISOLATED, OR DEDICATED ELECTRICAL FEEDS

Your water system has redundant, isolated, or dedicated electrical feeds to water plant(s) and equipment, this **will** require more than one option, and must provide 20 psi throughout the distribution system (see page 21 for additional information on the requirement for a second option). Will require documentation from your electric provider indicating your facility is protected from power loss lasting more than 24 hours.
COMPLETE OPTION 8B – Sections A and C

OPTION 9: PROVIDE WATER STORAGE CAPABILITIES

Your water system has sufficient ground, elevated, or standpipe storage to provide your entire distribution system with water at 20 psi during an extended power outage lasting more than 24 hours. This option **may** need to be combined with another option.
COMPLETE OPTION 9 – Sections A and E

OPTION 10A: WATER IS DELIVERED TO YOUR DISTRIBUTION SYSTEM FROM OUTSIDE YOUR SERVICE AREA USING AN EMERGENCY INTERCONNECT

Water is delivered from outside your service area in such a manner that you can provide water at 20 psi to your distribution system during an extended power outage lasting more than 24 hours. This option **may** need to be combined with another option.
COMPLETE OPTION 10 – Sections A and F

OPTION 10B: WATER IS DELIVERED TO YOUR DISTRIBUTION SYSTEM FROM OUTSIDE YOUR SERVICE AREA USING A WATER HAULER

Water is delivered from outside your service area in such a manner that you can provide water at 20 psi to your distribution system during an extended power outage lasting more than 24 hours. This option **may** need to be combined with another option.
COMPLETE OPTION 10 – Sections A and H

OPTION 11: WATER SYSTEM HAS THE ABILITY TO PROVIDE WATER THROUGH ARTESIAN FLOWS

An affected utility can provide water using an approved artesian source to their distribution system at 20 psi during an extended power outage lasting more than 24 hours. This option **will** need to be combined with another option (see page 28 for additional information on the requirement for a second option).
COMPLETE OPTION 11 – Sections A and E

OPTION 12: REDUNDANT INTERCONNECTIVITY BETWEEN PRESSURE ZONES

An affected utility opens valves in one or more pressure zones within their water system to provide water at 20 psi in all pressure zones throughout its entire distribution system during an extended power outage lasting more than 24 hours. This option **may** need to be combined with another option.
COMPLETE OPTION 12 – Sections A and D

OPTION 13: USE EMERGENCY WATER DEMAND RULES TO MAINTAIN EMERGENCY OPERATIONS

An affected utility will provide a minimum of 0.35 gallons per minute (gpm) per connection to the distribution system while maintaining distribution pressures of at least 20 psi in the event of the loss of normal power supply. This option **will** need

to be combined with other option(s) to ensure 20 psi during a water outage lasting more than 24 hours (see page 30 for additional information on the requirement for a second option).
COMPLETE OPTION 13 – Sections A and D

OPTION 14: ANY OTHER ALTERNATIVE DETERMINED BY THE COMMISSION TO BE ACCEPTABLE

An affected utility can propose other alternatives of meeting the requirements of TWC 13.1394 if the alternative(s) ensure water will be provided at 20 psi throughout the distribution system during a water outage lasting more than 24 hours.
COMPLETE OPTION 14 – Sections A and B

Section IV– Alternate Power Options Details

OPTION 1: PERMANENTLY INSTALLED AUXILIARY GENERATOR(S)

A. Generator Specifications.

Please list **all** the generators, **all** equipment to be powered, and the power needs for each piece of equipment.

Generator Brand & Model	Max Power (KW)**	Phase	Fuel Type	Automatic Switch Gear?	Facility Staffed 24 hours a day, 7 days a week?	List all Facilities and Treatment Units That Will Be Powered During an Emergency	Power Requirements for Each Facility and Treatment Unit Powered**
Generac 150kW (Filter Plant)	150	1 ☐ 2 ☐ 3 ☒	DIESEL	YES ☒ NO ☐	YES ☐ NO ☒	Well pump 6 ☒	22.3 kW
						Booster pump 1 ☒	15 kW
						Booster pump 2 ☒	15 kW
						Booster pump 3 ☒	10 kW
						Booster pump 4 ☒	10 kW
						Disinfection Equipment ☒	<1 kW
						Treatment Equipment ☒	<1 kW
Generac 150kW (Woodcreek)	150	1 ☐ 2 ☐ 3 ☒	DIESEL	YES ☒ NO ☐	YES ☐ NO ☒	Booster pump 1 ☒	10 kW
						Booster pump 2 ☒	10 kW
							kW
							kW
		1 ☐ 2 ☐ 3 ☐		YES ☐ NO ☐	YES ☐ NO ☐		kW
							kW
							kW
							kW

**The generator's total KWs cannot be less than the KWs listed under the power requirements for each facility and treatment unit that will be provided power. The generator must be able to power the equipment listed by the water system. **

B. Fuel Location

i. Physical Location of Fuel Supply (GPS or "911" address): 300-gal Fuel storage tanks on both sites, fuel to be brought in by truck with fuel cell.

C. Fuel Re-supply. Must have sufficient fuel to provide emergency power for a minimum of 48 hours or more if needed.

i. How much fuel is stored on site? 300 gal
ii. How much fuel does the generator use per hour? (Attachment C may assist in determining that amount) 6 gallons
iii. Does the water system have access to diesel additive to prevent fuel from freezing? no

OPTION 9: PROVIDE WATER STORAGE CAPABILITIES

Your water system has sufficient ground, elevated, or standpipe storage to provide your entire distribution system with water at 20 psi during an extended power outage lasting more than 24 hours. This option **may** need to be combined with another option if the water system does not have sufficient, useful storage during a power outage lasting longer than 24 hours. It is the responsibility of the water system to plan for alternative sources of electric power should the water system not have sufficient storage to last for greater than 24 hours.

A. Explain how the water in storage will flow to customers, and how it will be replenished (with or without electricity)?

La Vernia Water System Well #6 operated on a generator, with a proposed future generator to be place at Well #7. The 4 filter pumps located at the filter plant will bypass the old, elevated tank and existing high service pumps and pump directly to the 500,000-gal Elevated Tank located in the Woodcreek subdivision. The elevated tank will continue to supply the city system during an emergency. The Woodcreek pressure plan has a generator located at the plant and the booster pumps will continue to supply water to the pressure tank and provide the Woodcreek subdivision with service.

B. Does the water system have an existing, valid exception or alternative capacity requirement (ACR) for elevated or ground storage capacity? [30 TAC §290.45(g) and or 30 TAC §290.39(l)]

☐ **YES** **

☒ **NO**

** Water systems with an exception or alternative capacity requirement that ***is less than,*** the required minimum capacity requirements for storage, will be required to choose a different option. A different option is required because an exception or alternative capacity requirement reduces the water system's minimum required treatment capacity and consequently reduces the system's ability to provide useful[1] water storage capacity during an outage lasting more than 24 hours.

Use the diagram on the next page to assist you in answering questions C and D.

C. What is the useful storage [1] capacity of all storage tanks that maintain distribution pressures above 20 psi (46 feet of residual hydraulic head above the highest connection)?
Note: If you have dedicated fire storage, do not include it in the number above.

Useful storage capacity of all storage tanks: ___502,000 gal_____

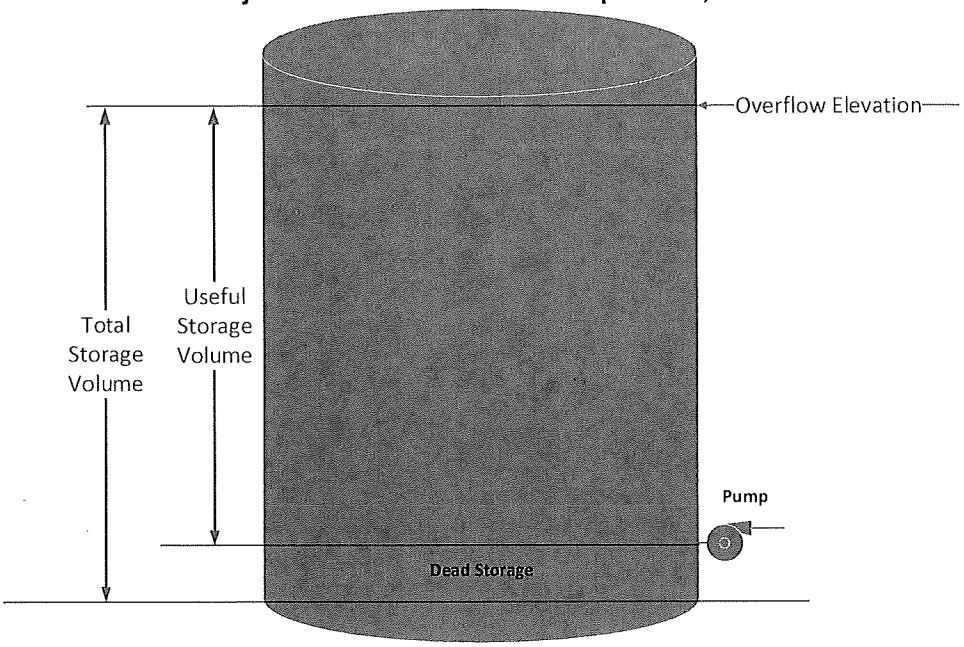
D. Using the water systems Maximum Daily Demand (MDD) listed in question 5 under *Section II – Description of the Water System*, divide the useful storage volume (million gallons) for maintaining distribution pressures above 20 psi by the MDD under emergencies. This is the amount of days water can be provided if storage was full before the start of the emergency.

Number of days water can be provided before a state of emergency arises: ___2 days_____

E. Please choose other option(s) to ensure your utility can maintain 20 psi if your electrical provider fails to provide your facility with power during an outage lasting longer than 24 hours.

Please provide other option(s) 1 then complete that section of the EPP.

[1] The AWWA Drinking Water Dictionary defines useful storage as "*water storage that is readily available for discharge into a distribution system, such as water in an elevated storage tank or in a ground storage tank that can be pumped into the system. Water in a ground storage tank below the suction level of the pump would be storage, but not useful storage*".


Overflow Elevation
Total Storage Volume
Useful Storage Volume
Pump
Dead Storage

Section V – Emergency Communications

Emergency Communications are an essential part of an emergency response event. Knowing who to notify before an emergency event occurs is the best way to ensure that you, your system, and your customers receive needed emergency assistance. Many numbers have been provided to assist you with completing this portion of the plan. Please feel free to make copies of the pages in Section IV to post at your facility and/or to train your employees. **If you are a member of another mutual aid organization other than TXWARN please include them on this list.**

A. Emergency Contacts

Organization	Phone Numbers (include area code)		E-Mail or Website
	Day	Evening	
Fire Department	911	911	
Police Department	911	911	
Emergency Medical Service	911	911	
TCEQ Water Homeland Security	888/777-3186	888/777-3186	
Texas PUC	512/936-7405		http://www.puc.texas.gov/industry/water/utilities/fmt.aspx Email: water@puc.texas.gov
National Response Center	800/424-8802	800/424-8802	http://nrc.uscg.mil/Default.aspx
State Spill Hotline	800/832-8224	800/832-8224	https://www.tceq.texas.gov/response/spills
Poison Control	800/222-1222	800/222-1222	http://poisoncontrol.org/home/
CHLOREP (Chlorine Emergency Plan)	800/424-9300	800/424-9300	https://www.chlorineinstitute.org/emergency-preparedness/chlorep/
TCEQ Regional Office	24-hour cell phone 512/965-2717		Website: https://www.tceq.texas.gov/agency/directory/region/reglist.html
County Judge	830-393-7303		Email: Website: https://www.co.wilson.tx.us/page/wilson.County.Judge
County Office of Emergency Management			Email: Website: https://www.co.wilson.tx.us/page/wilson.Emergency
County Sheriff's Office	830-393-2535		Email: Website: https://www.co.wilson.tx.us/page/wilson.Sheriff
County Public Health & Environmental Services			Email: Website: https://www.co.wilson.tx.us/page/wilson.Sheriff
City Mayor's Office	(830) 779-4541		Email: Website: https://www.lavernia-tx.gov/page/City%20Council
Local Public Health & Environmental Services			Email: Website:

Organization	Phone Numbers (include area code)		E-Mail or Website
	Day	Evening	
Local Office of Emergency Management			Email: Website:
TX Division of Emergency Management (TDEM)	Provides list of State and District Coordinators which assist local officials with state assistance requests. Requests must start at local level first.		https://tdem.texas.gov/field-response/
TXWARN	866/9-TXWARN (866/989-9276)		Email: info@txwarn.org https://www.txwarn.org
Other Mutual Aid Provider			Email: Website:

B. Local Contact Notification List

Identify those entities that should be notified in the event of an extended power outage requiring emergency operations. These are people who you provide water to that you may need to contact during an emergency.

Organization	Contact Name	Title	Phone Numbers (include area code)			E-Mail
			Day	Evening	Cellular/Pager	
Other Local Government Officials						
Hospitals served by the Affected Utility						
Nursing Homes served by the Affected Utility						
Pharmacies						
Priority Water Users (Those that are critically dependent upon water including schools, dialysis centers, institutions, individuals with special needs, businesses, and other interconnected water systems, etc.)						
Others						

C. Chemical Supplier Information

Identify your Chemical Suppliers. You may need to contact them for more chemicals during an emergency

Chemical	Supplier	Contact Name	Phone Number Day	Phone Number Evening	Cell Phone	E-Mail