

## **Filing Receipt**

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Jon Niermann, Chairman Emily Lindley, *Commissioner* Bobby Janecka, *Commissioner* Erih E. Chancellor, *Interim Executive Director* 



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 15, 2023

Danny Naranjo, President Skidmore WSC PO Box 290 Skidmore, TX 78389-0290 RECEIVED
FEB 2 1 2023
SKIDMORE WATER SUPPLY CORP

Subject:

Affected Utility Emergency Preparedness Plan Review Skidmore WSC - PWS ID No. 0130066

Bee County, Texas

### Confidential'

Dear Mr. Naranjo:

The Texas Commission on Environmental Quality (TCEQ) received the enclosed Emergency Preparedness Plan (EPP) on February 4, 2022. The EPP was submitted pursuant to the requirements of Texas Water Code (TWC) §13.1394 because this water system meets the definition of an affected utility. Based on the EPP, you have selected option numbers:

- one (1) for the use of permanently installed automatically starting generator(s), and
- eight (8a) for the designation of the water system as a critical load facility.

Based on our review of the EPP, the submitted EPP is **approved** with an implementation deadline of July 1, 2022. In the event you do not meet this implementation date, you may contact the EPP program staff to discuss an implementation schedule. Please note that by submitting and implementing the approved EPP, the affected utility indicates that it will be able to maintain pressures at a minimum of 20 pounds per square-inch (psi) throughout its distribution system during extended power outages lasting more than 24 hours and that water services will be reestablished as soon as it is safe and practicable following the occurrence of a natural disaster.

A copy of this letter and the enclosures must be maintained on file at the affected utility and must be made available to TCEQ staff for review during investigations.

<sup>\*</sup>TWC §13.1394(l) provides that "information provided by an affected utility under this section is confidential and is not subject to disclosure under Chapter 552, Government Code."

Danny Naranjo, President Page 2 of 2 February 15, 2023

Should you have additional questions, comments, or need for further assistance, please contact the Water Supply Division at 512-239-4691, or by e-mail to PDWEPP@tceq.texas.gov.

Sincerely,

Jennelle Crane, Acting Manager

Emergency Preparedness and Response Section

Water Supply Division

Texas Commission on Environmental Quality

JC/kc/tb/av

Enclosure(s): Approved EPP

Generator Approval

cc: Lisa Baker, General Manager, Skidmore WSC, PO Box 290, Skidmore, TX 78389-0290

TCEQ Corpus Christi Regional Office - R14

Jon Niermann, Chairman Emily Lindley, Commissioner Bobby Janecka, Commissioner Erin E. Chancellor, Interim Executive Director



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 15, 2023

Danny Naranjo Skidmore WSC PO Box 290 Skidmore, TX 78389-0290

Re:

Skidmore WSC - Public Water System ID No. 0130066

Proposed Emergency Generator(s)

Bee County, Texas

**Confidential** 

Dear Mr. Naranjo:

The Texas Commission on Environmental Quality (TCEQ) received the Emergency Preparedness Plan (EPP) on February 4, 2022 with the proposed generator. Based on our review of the information submitted, the submittal generally meets the minimum requirements of Title 30 Texas Administrative Code (TAC) Chapter 290 – <u>Rules and Regulations for Public Water Systems</u> and the proposed generator is **approved**.

The submitted Emergency Preparedness Plan included the following:

 One (1) CAT D200P3 diesel 200 kW stationary generator located at 423 E. Marys Street in Skidmore.

Any additional facility components contained in the EPP were not considered for approval. The authorization provided in this letter does not relieve a Public Water System from the need to comply with other applicable state and federal regulations. Please note all other planning material must be submitted to the Plan Review Team for review and approval prior to construction and/or use.

A copy of this letter must be maintained on file at the affected utility and must be made available to TCEQ staff upon request for review during investigations.

Should you have additional questions, comments, or need for further assistance, please contact the Water Supply Division at 512-239-4691, or by e-mail to PDWEPP@tceq.texas.gov.

Sincerely,

Jennelle Crane, Acting Manager

Lennelle Casa

Emergency Preparedness and Response Section

Water Supply Division

JC/kc/tb/av

cc: Lisa Baker, General Manager, Skidmore WSC, PO Box 290, Skidmore, TX 78389-0290 TCEQ Corpus Christi Regional Office - R14

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov



# Emergency Preparedness Plan Skidmore Water Supply Corporation

### General Information

Water System Name:	Skidmore Water Supply Corporation	
PWS ID No. (if applicable):	TX0130066	
District No. (if applicable):	, , , , , , , , , , , , , , , , , , ,	
County:	Bee	
CCN No. (if applicable):	12996	
Owner:	Skidmore Water Supply Corporation	
Prepared by:	Lisa Baker	
Preparer's Phone No.:	361-287-3433	
Preparer's Email:	skidmorewatersupply@yahoo.com	
Preparer's Mailing Address:	PO Box 290	
Preparer Title:	General Manager	
Preparer's Organization:	Skidmore Water Supply Corporation	
Expected Completion Date for EPP Plan Implementation:	Currently Implemented	

## Option(s) Chosen:

- 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*): Using Permanent 200 KW Generator to provide power to entire water plant
- 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
- 4. Is a timeline to implement the plan (TWC 13.1394(b)(2)(B)) provided as an attachment? No, generator has been in commission since 2006

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

Signature: Lisa Baker	Title: General Manager	Date: 2/4/22
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## **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)
N/A			

### 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 <u>affected utility</u> 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 <u>extended power outage</u> means a power outage lasting more than 24 hours.

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

A. Describe You	ır Water System. 🤄	Check all that ap	oply.	
√ Residential	<b>√</b> Commercial	[] Industrial	Wholesale	<b>✓</b> Institution
R is This FOOR	or An / Evisting	or Till 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
Lisa Baker	General Manager/Operator	skidmorewatersupply @yahoo.com	361-287-3433	361-319-0697
Timateo Diaz	Maintenance Supervisor/Operator	skidmorewatersupply @yahoo.com	361-287-3433	361-318-2039
Danny Naranjo	Board President	Orangetree53@hotmail.com		361-318-2848

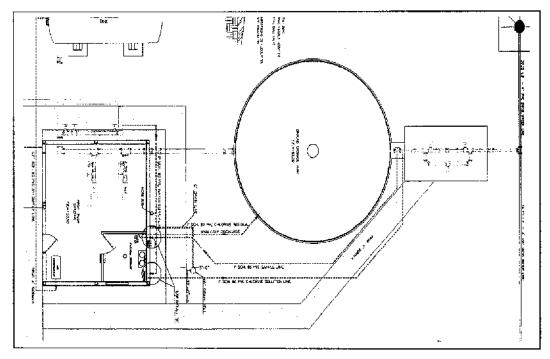
#### 3. Location of Maps

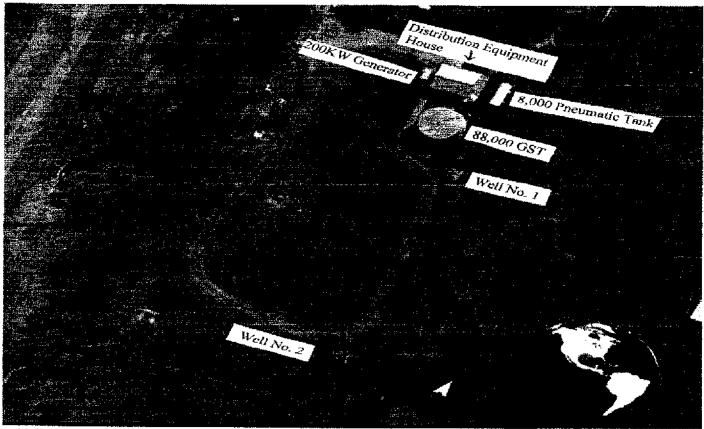
The maps are not required to be submitted to TCEQ for review of the EPP but should be available in case of an emergency to enable staff to locate valves, lines, and meters.

Where are your distribution system(s) map(s) located? 423 E. St. Mary's Street, Skidmore, Texas 78389

## 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.





## 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. Groundwater Systems - Does Your Water System Have A Ground Water *	Well(s)?
---	----------

YES ✓ NO [ (If NO, go to 1.B) What plant name is TCEQ Owner's **Used During an** Pump Well Location this source Source ID Designation Emergency? Capacity associated with? G013006A Well No. 1 Skidmore WSC -Longitude -97,682613 150 gpm Latitude 28.259549 YES ✓ NO 🗌 James T. Strong Water Plant G013006B Well No. 2 Longitude -97.682739 Skidmore WSC -150 gpm Latitude 28,260071 YES ✓ NO 🗌 James T. Strong Water Plant YES 🗌 NO 🗍 gpm B. Surface Water/GUI Systems: Does Your Water System Treat Surface Water or Ground Water Under the Influence of Surface Water Sources(s) (raw water intake pump information)?

		YES ☐ NO ✓ (If NO, go to 1.0)
C.	Does Your V	vater System Purchase (or Receive) Water? YES □ NO ✓ (If NO, go to 2.A)
		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

### 2. TREATMENT INFORMATION

A. Does Your Water System Disinfect the Water? YES ✓ NO [ (If NO, go to 2.B)

Disinfectant (Disinfectant Name)	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	SWSC	YES ✓ NO 🗌	Gas	150	130-150	YES / NO 🗌

B,	Does Your Water System Provide	Treatment Other Than Disinfection (example: polyphosphate, causti-
	etc.)?	YES ☐ NO ✓ (If NO, go to 2.C)

C. Does Your Water System Have Transfer Pump(s) Between Treatment Units? 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
TCFQ-20536B (11/2021)	

#### 3. DISTRIBUTION SYSTEM INFORMATION

A. Does Your Water System Have Booster and/or Service Pumps in the Distribution system?

YES ✓ NO [] (If NO, go to 3.B)

Booster/Service Pump Name	Location (include pressure plane)	Pump Used During an Emergency?	Pump Capacity
High Service Pump 1	423 E. St. Mary's Street	YE\$ ✓ NO 🗌	150 gpm
High Service Pump 2	423 E. St. Mary's Street	YES ✓ NO 🗌	150 gpm

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?	Tank Capacity
Ground Storage Tank	423 E. St. Mary's Street	YES ✓ NO 🗌	88,000 gal
Pneumatic Tank	423 E. St. Mary's Street	YES ✓ NO 🗌	8,000 gal

#### 4. PRESSURE PLANES

Does Your Water System Have More Than One Pressure Plane?

YES NO √ (If NO, go to 5)

#### 5. SYSTEM DEMAND

Emergency Operation means the demand in MGD from the highest emergency usage day (not normal daily usage) occurring during a natural disaster within the last 3 years, excluding fire events and large water main breaks.

Demand Information	Normal Operation	Emergency Operation
Average Daily Demand:	0.041 MGD	0.102 MGD
Maximum Daily Demand:	0.089 MGD	0.335 MGD 02/21 freeze
System Capacity:	<u>0.097</u> MGD	<u>0.335</u> MGD

#### 6. SYSTEM SIZE

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

YES NO √ (If NO, go to 6.B)

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)

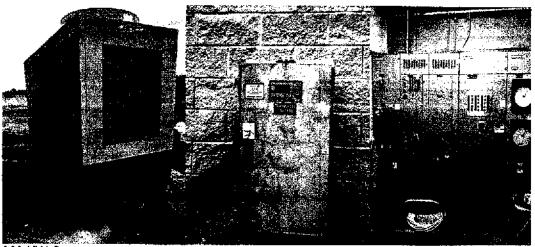
Pressure Plane (if applicable)	Number of Connections	Population
423 E. St. Mary's Street	255	1000

## 7. POWER PROVIDER(s)

Electric Utility or Retail	AEP Texas	
Electrical Provider(s)		

## 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.



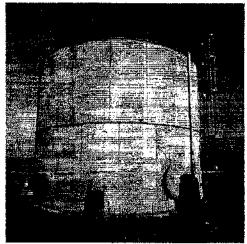
200 KW Generator

Automatic Transfer Switch

Water Plant Electric Panel



Pneumatic Pressure Tank



88,000 Ground Storage Tank

#### 9. OTHER PERTINENT SYSTEM INFORMATION

Other information about the system that could be useful during an emergency (This can include plant equipment not used or any other circumstances that would clarify how the affected utility will meet the EPP requirements):

None.

## 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 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 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 weak?	List all Facilities and Treatment Units That Will Powered During an Emergency	Be	Power Requirements for Each Facility and Treatment Unit Powered**
CAT	200	1 🗔	Diesel	YES J	YES 🗍	Well pump 1	✓	11 kW
D200P3		2 🗀	<u> </u>	NO 🗆	NO 🗸	Well pump 2	<b>√</b>	11 kW
				100	,,,,,	Well pump 3		kW
		3 ✓	ļ			Booster pump 1	<b>√</b>	22 kW
						Booster pump 2	<b>√</b>	22 kW
	1				]	Booster pump 3		kW
						Disinfection Equipment	<b>√</b>	1 kW
					•	Treatment Equipment		kW
						Compressor(s)	<b>√</b>	7 kW
								kW
								kW
			}					kW
								kW

system. \*\*

#### B. Fuel Location

- i. Physical Location of Fuel Supply (GPS or "911" address): 423 E. St. Mary's Street, Skidmore, TX 78389
- C. Fuel Re-supply. Must have sufficient fuel to provide emergency power for a minimum of 48 hours or more if needed based on past power outages and utility knowledge.
  - i. How much fuel is stored on site? 300 gallons
  - Ħ. How much fuel does the generator use per hour? (Attachment B may assist in determining that amount) 5 gallons per hour
  - ίΪ. Does the water system have access to additives/other methods to prevent fuel from freezing as per manufactures recommendations (example diesel additives)? yes

## 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, because designation of critical load does not guarantee an uninterrupted supply of electricity. It is the responsibility of the water system to plan for alternative sources of electric power should a localized outage or load shed event occur. The water system is required to provide 20 psi throughout the distribution system.

- A. Provide ALL of the following items for designation of Critical Load Facility.
  - ✓ Name of electric provider(s). AEP Texas
  - ✓ A copy of the letter or email from your electric provider(s) designating your water system as having critical load status.

See Attachment 2

✓ Submit a diagram of your water system that includes all equipment listed in Section II DESCRIPTION OF THE WATER SYSTEM

See Attachment 3

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

Water plant has permanently installed diesel generator (installed 2006) on ATS - when power fails, ATS clicks to emergency power, generator starts and powers the entire water plant.

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

B. Indicate all facilities that are included in critical load status (please refer to the facilities listed for the PWS in Section II – Description of the Water System) and use the exact same naming convention.

Name of Plant Skidmore Water Supply Corporation	Address to Electric Meter Providing Power to Plant 534 N. 3rd Street
James T. Strong Water Plant	Skidmore, Texas 78389

#### Attachment 2

RE: [EXTERNAL] Critical Load Public Safety Application

From: Critical Load AEP TX (criticalloadaeptx@aep.com)

To: skidmorewatersupply@yahoo.com

Date: Wednesday, April 28, 2021, 09:39 AM CDT

Re: Critical Load Applications for the Skidmore Water Supply Corporation

Helio.

Thank you for submitting your Application for Critical Load Customer Status. Based on the intermation provided in lead application and verified by our Customer Service Account Representative, the account for electric service does have its as a Critical Load Customer account as defined by the Public Utility Commission of Texas.

Sincerely,

**AEPTexas** 

Billing & Account Operations

PO Box 2121

Corpus Christi, TX 78403-2121

1-877-547 -5513

From: Lisa Baker <skidmorewatersupply@yahoo.com>

Sent: Wednesday, April 14, 2021 1:18 PM

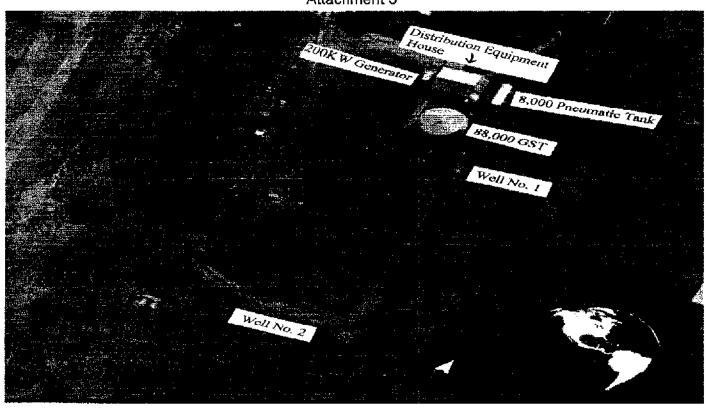
To: Critical Load AEP TX <criticalloadaeptx@aep.com>
Subject: [EXTERNAL] Critical Load Public Safety Application

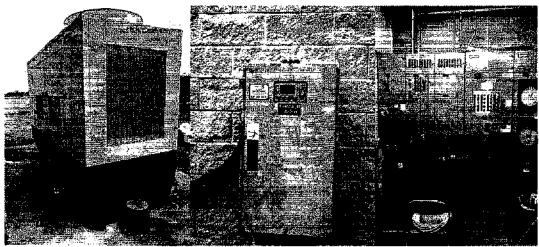
This is an **EXTERNAL email.STOP.THINK** before you CLICK links or OPEN attachments, if suspicious please click the 'Report to Incidents' button in Outlook or forward to incidents@aeQ.comfrom a mobile device.

Good afternoon, I am attaching a completed Critical Load Public Safety Application. Please let me know if you require additional information. Thanks so much and have a GREAT day!

Lisa Baker

## Attachment 3

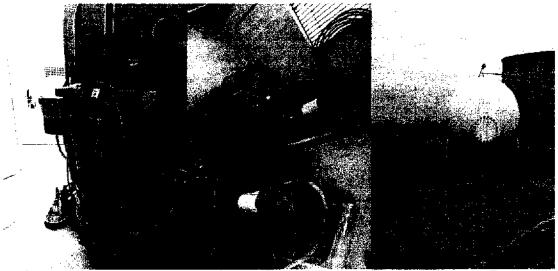




200 KW Generator

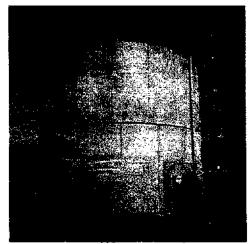
Automatic Transfer Switch

Water Plant Electric Panel



Air Compressor

High Service Pressure Pumps Pneumatic Pressure Tank



88,000 Ground Storage Tank

## **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 the Organization is not applicable to your utility, please enter N/A. You are required to provide phone numbers for your County Judge and County Sheriff's Office.

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 ( code)	(include area	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.asp x 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	George Morrill, III	361/621-1556	
County Office of Emergency Management	Ryan Garza	361/621-1567 361/542-3385	Email:ryan.garza@beecounty.texas.gov Website:https://www.beecounty.texas.gov
County Sheriff's Office		361-362-3221	
County Public Health & Environmental Services		361-621-1553	
City Mayor's Office	None		
Local Public Health & Environmental Services	None		
Local Office of Emergency Management	None		
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 (8	366/989-9276)	Email: <u>info@txwarn.org</u> https://www.txwarn.org

## B. Local Contact Notification List - NONE

### 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
Gas Chlorine	DPC		361/289-6947			

### D. Certified Laboratory Information

Identify your laboratory and a backup laboratory. You may need a backup laboratory if your lab is nonfunctional.

	Phone Numbers (include area code)				
Organization	Day	E-Mail			
Nueces County Public Health District	361/826-7213	reneez@cctexas.com			
City of Corpus Christi	361/826-1200				

### E. Fuel Supplier Contact Information (if applicable)

Identify your Fuel Suppliers. You may need to contact them for fuel during an emergency

Fuel Type	uel Type Supplier Contact Name		Phone Number		
Diesel	Baker Farms	David Baker	361/813-0331		
Diesel	4J Fuels	Jeff Sautter	361/816-8039		

#### F. Utilities Contact Information

Identify your Utilities Contacts. You may need to contact them during an emergency and use N/A if a listed organization does not apply to your water system.

Organization	N/A	Contact Name	Title	Phone Number
Electric Utility Company		AEP		866/223-8508
Gas Utility Company	N/A			
Sewer Utility Company	N/A			
Telephone Utility Company		AT&T		800/286-8313
Wholesale Water Provider	N/A			
Wholesale Water Provider	N/A			
Other	N/A			

#### G. Bulk Water Suppliers

Identify any bulk or bottled water suppliers that you might utilize in an emergency.

Organization	Contact Name	Phone#
Bulk Water	Ernie/Jolene Colle	361/318-5412
Haulers		

Bottle Water Sources	None				
Sources					
	) · · · · · · · · · · · · · · · · · · ·		 <u> </u>	<del> </del>	<del></del>

### H. Media Notification List

Identify the media organizations that you might need to contact to provide information to your customers. Also identify who is your media spokesperson. If you have a different method to communicate to your customers, please list under **Other**.

Organization	Contact Name	Title	Cellular/Pager
Designated Water System Spokesperson	Lisa Baker	General Manager	361/319-0697
Newspaper - Local	Beeville Bee- Picayune		361/358-2550
Television			
Other	Facebook	Skidmore Neighborhood Watch	