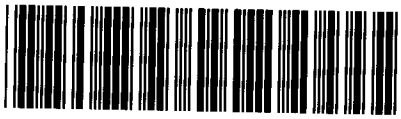


Control Number: 44331

Item Number: 7

Addendum StartPage: 0

Application for a Water or Wastewater Rate/Tariff Change

Pursuant to Texas Water Code §13.187 and PUC Substantive Rules Chapter 24

Docket No. 44331

(this number will be assigned by the Public Utility Commission after your application is filed)

7

APPLICATION FOR A RATE/TARIFF CHANGE

SECTION IA - GENERAL INFORMATION

Applicant Kenneth Swaim
(Individual, Corporation, or Other Legal Entity)

Utility Name: Mooreland Water Co.
(If different than above)

Legal form of Application:

☒ Individual ☐ Partnership ☐ Sub Chapter-S Corporation

☐ Corporation Provide Charter Number _____

☐ Other Please Explain:

Utility Address: 1011 Ross Lane (Street Address or Location) Granbury (City) TX (State) 76048 (Zip Code)

County(ies) where services are provided: Hood

CCN Number(s): 11603

Contact Person: Kenneth Swaim Telephone Number: (817) 579-1743

Position: Owner Fax Number: _____

Address: 1011 Ross Lane (Street Address or Location) Granbury (City) TX (State) 76048 (Zip Code)

If the applicant is a corporation, please provide a copy of the corporation's "Certificate of Account Status" (regarding the payment of franchise taxes) from the State Comptroller's Office. This "Certificate of Account Status" can be obtained from the website at:

Comptroller of Public Accounts, Office Management "[1]
P. O. Box 13528
Austin, Texas 78711
1-800-252-5555

1. https://ourcpa.cpa.state.tx.us/coa/Index.html

SECTION IB - MISCELLANEOUS INFORMATION

A. How often and on what dates are water meters typically read? monthly 14th - 16th

B. When are bills typically sent out? monthly 17th - 18th

C. Do you serve customers within the corporate limits of a municipality? If No, Go to D. ___ Yes X No
If yes, which municipalities? _____

Have you filed a request to change rates with the municipality? ___ Yes ___ No
If no, please explain:

D. Are you currently collecting the Regulatory Assessment Fee from your customers? X Yes ___ No

If yes, are you current in your payment of the Regulatory Assessment Fee to the Texas Commission on Environmental Quality (TCEQ) or the predecessor agency, Texas Water Commission, for assessments payable beginning January 1, 1992? X Yes ___ No

E. Water Utilities: Please indicate the TCEQ'S Public Water System (PWS) Identification numbers for each of your water systems:

System Name	TCEQ PWS ID #	County(ies)	Rate Increase Applicable?
Mooreland Water Company	TX 1110006	Hood	YES

For each PWS, please provide a copy of the most recent TCEQ inspection report letter and a copy of any response given to the TCEQ to address any deficiencies noted in the letter. If all the deficiencies have not been addressed please provide a written explanation detailing how and when you will comply with all noted deficiencies.

F. Sewer Utilities: Please indicate the TCEQ's discharge permit number for each Wastewater Treatment Plant (WWTP) you operate:

Wastewater Treatment Plant Name	TCEQ Discharge Permit Number	County(ies)	Rate Increase Applicable?

For each WWTP, please provide a copy of the most recent TCEQ inspection report letter and a copy of any response given to the TCEQ to address any deficiencies noted in the letter. If all the deficiencies have not been addressed please provide a written explanation detailing how and when you will comply with all noted deficiencies.

SECTION II: OPERATIONAL INFORMATION – WATER

Manager (or owner if services are routinely provided to the utility)
Name Kenneth Swaim Relationship to Owner: Self
Short job description:
Minor repairs; read meters; operation of system; send bills; customer contacts.

Approximate number of hours per week this person works for the company:
Salary: $25,000.00 Hourly ____ Weekly ____ Monthly ____ Annual X

Employees
Name _____ Relationship to Owner: _____
Short job description:

Approximate number of hours per week this person works for the company:
Salary: _____ Hourly ____ Weekly ____ Monthly ____ Annual ____

Name _____ Relationship to Owner: _____
Short job description:

Approximate number of hours per week this person works for the company:
Salary: _____ Hourly ____ Weekly ____ Monthly ____ Annual ____

Contract Services (attach additional sheets if necessary)
Name Herman Pruitt Plumbing & Associated Well Services Inc. Relationship to Owner: _____
Short job description:
Line and Well repairs, owners is not able to do - contracted by the job.

Approximate number of hours per week this person works for the company:
Amount paid for services: _____ Hourly ____ Weekly ____ Monthly ____ Annual ____

Please provide the names and classification of the utility's certified operators:

Certified Operator's Name/ Classification	Certified Operator's Name/Classification
Kenneth Swaim / "D" license	

Attach additional sheet(s) if necessary

SECTION III. PLANT & EQUIPMENT INFORMATION – WATER

A. CUSTOMER CONTRIBUTIONS

If any of the items included in your plant and equipment were 100% financed with customer contributions, assessments, surcharges, extension fees, etc., you may not include depreciation or return on those items in your cost of service. However, if those customer contributions did not cover the entire cost of the asset, you may include the amount that the utility paid for. Please list below all items that were funded either all or in part by customer contributions and indicate amount that the customers contributed for each item.

Table III. A.

Item [A]	Date of installation [B]	Total Cost [C]	Amount of Customer Contribution [D]	Difference [E]= [C] - [D]
				①
				①
				①
				①
				①

- Attach additional sheet(s) if necessary –

① If any amount in this column is greater than zero, enter that item in the appropriate category in **Table III. B**

B. ORIGINAL COST & DEPRECIATION SCHEDULE – WATER

Please provide the following inventory of the water utility plant being used to provide water service at the end of the test year. You will be responsible for supporting this information with invoices or other documentation. Round your figures to the nearest dollar. **Amounts should be computed as of the end of the "test year."**

Table III. B.

[A]	[B]	[C]	[D]	Depreciation					
Item	Date Of Installation	Service Life (yrs) * **	Original Cost when installed $	Years in Service YR	Mos	Days	[E] = [D]/[C] Annual ($)	[F] Accumulated ($)	[G] = [D]-[F] Net Book Value ($)
Land		n/a							
Wells		50							
Well Pumps:									
5 hp or less		5							
Greater than 5 hp		10							
Booster Pumps:									
5 hp or less		5							
Greater than 5 hp		10							
Chlorinators		10							
Structures:									
Wood		15							
Masonry		30							
Storage Tanks	7/1/1997	50	$60,000.00	7	5		$1,200.00	$9,000.00	$51,000.00
Pressure Tanks	7/1/1997	50	$14,769.00	7	5		$295.38	$2,215.35	$12,553.65
Distribution System (mains and lines)		50							
Meters and Service (taps not covered by fees)		20							
Office Equipment		10							
Vehicles		5							
Shop Tools		15							
Heavy Equipment		10							
Fencing		20							
Other: (Please list)									
Total			$74,769.00				$1,495.38 (1)	$11,215.35 (2)	$63,353.65 (3)

* TCEQ Suggested Service Life ** Other Service Life

(1) Enter this number in **Table VI. A., Line [O], Column** (1) (2) If [F] is greater than [D], enter the total for [D] (3) Enter this number in **Table IV. E., Line [A]**

- Attach additional sheet(s) if necessary -

Attachments For; Table III.B pg1

HP PHOTOMART 6520 PRINT AND COPY MACHINE
RVSSOFTWARE UTILITYBILLING SYSTEM

- 2 DRAWER FILING CABINETS
- WALL CABINETS
- DESK AND CHAIR
- CALCUTATOR
- 2 TELEPHONES
- 1 ANSWERING MACHINE

THIS WATER SYSTEM WAS PRUCHASED BY KENNETH SWAIM IN APRIL, 1978

FOR FORTY TWO THOUSAND, ONE HUNDRED, ($42,100.00).

IMPROVEMENTS WERE MADE AS FOLLOWS:

DATE	IMPROVEMENT	COST
1997	44 THOUSAND GAL STORAGE TANK	
	2500 GAL PRESSURE TANK	
	3 NEW BOOSTER PUMPS	$50,000.00
7/24/2001	5 HP GROUND FOS PUMP AND MOTOR	$3103.14
7/19/2006	2HP GROUND FOS PUMP AND MOTOR	$ 1968.38
7/19/2006	5 HP GROUND FOS PUMP AND MOTOR	$ 4769.95
8/19/2010	5HP GROUND FOS PUMP AND MOTOR	$ 3853.30
7/28/2010	5HP ELECTRIC CONTROL BOX	$ 799.31
3/29/2005	5HP BOOSTER PUMP	$ 1021.93
7/24/2014	5 HP BOOSTER PUMP	$ 1195.81

Attachment: Table III.B pg 2

DETAILED LIST OF PLANT IN SERVICE

QUANTITY	ITEM
2	½ ACRE LOTS
1	4 ½'' WELL DRILLED 11-8-69
1	6 5/8'' WELL DRILLED 7-8-72
1	6 5/8'' WELL DRILLED 7-14-72
2	5HP BOOSTER PUMPS
1	CHLORINATOR
4	1500 GAL. STORAGE TANKS
2	350 GAL PRESSURE TANK
1	AIR CONTROL AND SIGHT GLASS
116	5/8'' METERS AND BOXES
3	2'' METERS AND BOXES
344FT	CYCLONE FENCING TOPPED WITH 1' BARBED WIRE
•	10 X 15 METAL AND WOOD BUILDING 4' X 8' METAL AND WOOD BUILDING
	MAINS AND LINES TO SUPPLY WATER TO 138 CONNECTIONS
	4'' PVC PIPE 900 '
	3''PVC PIPE 918'
	2''PVC PIPE 12733'
	EMACHINE COMPUTER AND MONITER ET1831-03

C. DEVELOPER CONTRIBUTIONS - WATER

If any of the Items listed in the Depreciation Schedule were contributed by a developer, please list those items and the associated cost below.

Table III. C.

Item	Date of installation or Contribution	Total Cost	Amount of Developer Contribution	Net Book Value (from Table III.B.)
Total				①

① Insert this amount in **Table IV. E., Line [E]**

- Attach additional sheet(s) if necessary -

SECTION IV - LONG TERM DEBT & EQUITY INFORMATION – WATER

A. EQUITY

How much equity or total capital does the company have in the utility? $29,328.46

Enter also in **Table IV. D.**, Box ③ below

B. RATE OF RETURN

What rate of return (profit) on investment in plant (equity) is expected? 7.7500 %

Enter also in **Table IV. D., Box** ④ below

NOTE: You may choose

- an average equity return established by the staff each year and included with the Annual Report Instructions **OR**
- an interest rate that you think is fair that is less than the rate established by the staff **OR**
- to use the **Rate of Return Worksheet** which is attached to the **Instructions.**

C. BANKRUPTCY

Has the utility or utility owner filed bankruptcy within the last seven years? _____ Yes _____ No

If YES, explain status of applicant at this time.

D. NOTES PAYABLE - WATER

List the following information concerning debt and equity of the utility and attach copies of notes payable:

Round all percentages to two (2) decimal places.

Table IV. D.

[A] Name of Bank/Lender	[B] Date of Issue	[C] Date of Maturity	[D] Original Amount of Loan	[E] Outstanding or Unpaid Balance- **End of Test Year**	[F] Interest Rate	[G] Weighted Average [E] ÷⑤*[F]
Part 1 - Debt						
1st National Bank	7/1/1997	7/1/2017	$ 74,769.00	$ 29,328.46	7.75 %	%
			$	$	%	%
			$	$	%	%
			$	$	%	%
			$	$	%	%
		Total	$ ①	$ ②		%⑥
Part 2 - Investment/Equity				$ 29,328.46 ③	7.75 %④	%⑦
Total Debt & Equity				$ ⑤		
				Rate of Return		7.75 % ⑧

① Total amount of original loans
② Total amount of the outstanding balance on the loans
③ Equity in the utility - From **Section IV. A.**
④ Return on Equity - From **Section IV. B.**
⑤ Total of ②+ ③
⑥Total weighted average of debt - To **Table V, Line [C]**
⑦ Weighted average of Investment/Equity ③÷ ⑤*④
⑧Sum of ⑥+ ⑦ - To **Table IV. E., Line [G]**

E. INVESTED CAPITAL & RETURN – WATER

Table IV. E.

Net Book Value - From **Table III. B., Box ③**	[A]	$	63,353.65
Working cash allowance -Amount From **Table VI. A., Line [L] Column ③**, Box ⑦(÷⑧)	[B]	$	76,982.00
Materials and supplies	[C]	$	0.00
Subtotal - Sum of [A] thru [C]	[D]	$	140,335.00
Developer Contributions - From **Table III. C., Box ①**	[E]	$	0.00
Total invested capital [D] - [E]	[F]	$	140,335.00
Rate of return - From **Table IV. D., Box ⑧**	[G]		7.75 %
Return/Interest - If [F] is greater than -0-, then enter [F] * [G]. If [F] is less than -0-, enter -0-. Enter this amount in **Table V., Line [A] and Table VI. A., Line [Q], Column ②**	[H]	$	10,876.00

SECTION V - INCOME TAX CALCULATION – WATER

Use the following table to determine the amount of income tax that can be included in your revenue requirement.

Table V.

Return - From **Table IV. E., Line [H]**	[A]	$	10,876.00
Interest Calculation			
Total Invested Capital - From **Table IV. E., Line [F]**	[B]	$	140,335.00
Weighted Cost of Debt Capital - Percentage From **Table IV. D., Box ⑥**	[C]		%
Interest [B]*[C]	[D]	$	
Taxable Income [A] - [D]	[E]	$	
Enter Income Tax from Tax Table **(Appendix A)**	[F]	$	①

①To Table VI. A., Line [P], Column ②

SECTION VI - UTILITY INCOME & EXPENSE INFORMATION – WATER

A. REVENUE REQUIREMENT

Please provide the following information regarding the cost to the utility of providing water utility service over your selected twelve month "test year."
Note 1 - Instead of using the percentages listed, you may take the Total Cost and multiply it by 67% to determine the fixed portion and 33% for the variable portion.

TABLE VI. A.

Test Year 2-1-2013 to 1-31-2014	Line	12 Month "test year" per books	Known and Measurable Changes	Revenue Requirement for next yr	% of ③ that is fixed **(Note 1)**	Fixed Expenses **(Note1)**	Variable Expenses **(Note 1)**
		①	②	③=①+②	④	⑤=(③*④/100	⑥=③-⑤
Salaries and Wages	[A]	25,000.00			50		
Contract Labor	[B]	8,250.00			90		
Purchased Water	[C]				0		
Chemicals for Treatment	[D]	3,726.00			0		
Utilities (Electricity)	[E]	8,519.00			0		
Repairs/Maintenance/Supplies	[F]	6,919.00			50		
Office Expenses	[G]	8,252.00			50		
Accounting & Legal Fees	[H]				100		
Insurance	[I]	2,769.00			100		
Rate Case Expense	[J]				100		
Miscellaneous	[K]	13,547.00			50		
Subtotal-Sum of Line [Al thru Line [K]	[L]	76,982.00		⑦			
Payroll Taxes	[M]				50		
Property and Other Taxes	[N]	2,043.00			100		
Annual Depreciation and Amortization–From **Table III. B. Box** ①	[O]	1,495.00			100		
Income Taxes-From **Table V, Line [F]**	[P]				100		
Return –From **Table IV.E., Line[H]**	[Q]		10,876.00		100		
Subtotal-Sum of Line [L] thru Line [Q]	[R]	80,520.00					
Other Revenues	[S]				100		
Total Cost=Line [R] – Line [S]	[T]			⑧		⑨	⑩
Alternative Allocation between Fixed and Variable [Note1]	[U]	80,520.00	10,876.00	91,396.00 ⑧	67	61,235.00 ⑨	30,161.00 ⑩

B. KNOWN & MEASURABLE

If you listed anything in **TABLE VI.** A. above as an increase/decrease expected in the next 12 months, please provide a short explanation by item why there will be a change and how you projected the cost. Changes in cost must be known and measurable and supported by invoices or other documentation.

$10,876 on line Q per instructions.

-Attach additional sheet(s) or a separate listing for sewer service if necessary-

SECTION VII - CUSTOMER INFORMATION - WATER

NUMBER OF CUSTOMERS

How many customers (active connections) did you have at the beginning and at the end of the twelve month test year?

TABLE VII

Connection Type	Line	Beginning of period ①	End of period ②	Equivalency Factor ③	Meter Equivalents ④=②*③
Non-Metered Connections:					
Residential	[A]			1	
Commercial	[B]			1	
Standby	[C]			1	
Metered Connections:					
5/8" x 3/4"	[D]	132.0	132.0	1	132.0
3/4"	[E]			1.5	
1"	[F]			2.5	
11/2"	[G]			5	
2"	[H]			8	
3"	[I]			15	
Other:	[J]				
Total	[K]	132.0	132.0		132.0 ⑤

⑤To **Table IX. B., Line [B]** AND **Table X. A., Line [F]**

SECTION VIII - PRODUCTION & CONSUMPTIONINFORMATION - WATER

Please provide the following information regarding water utility operations over your selected twelve month "test year".

Table VIII

Total number of gallons pumped (total master meter reading for the year)	[A]	12,709,832.0	gallons
Total number of gallons purchased from another source for sale to customers (if any)	[B]	0.0	gallons
Total number of gallons provided to customers **[C]=[A]+[B]**	[C]	12,709,832.0	gallons
Total number of gallons billed to your customers (total customer consumption)	[D]	11,924,993.0 (1)	gallons
System losses: **([C] - [D]) x 100% = [E] / [C]**	[E]	6.0	%
Source of Purchased water			

(1) To **Table IX. A., Line [B]** AND **Table X. A., Line [B]**

SECTION IX - RATE DESIGN - WATER

A. VARIABLE RATE CALCULATIONS

Table IX. A.

	Line		Instructions
Total Variable Costs	[A]	$ 30,161.00	From **Table VI. A., Line [T], Box ⑩ or Line [U], Box ⑩**
Total # of Gallons Billed to Customers	[B]	11,924,993	From **Table VIII, Line [B]**
Total # of 1,000 Gallons billed	[C]	11,925	Divide Line [B] by 1,000
Variable Cost per 1,000 gallons	[D]	$ 2.53	Divide Line [A] by Line [C] Transfer to **Table IX. B., Lines [E] through [J], Box ⑥**

B. BASE RATE CALCULATIONS

Table IX. B.

		Line		# of 1000 gallons in base bill	Variable cost per 1,000 gals	Variable cost to be added to base rate	Total base rate per meter size
			①	②	③	④=②*③	⑤=①+④
Total fixed costs - From **Table VI. A., Line [T], Box ⑨ or Line [U], Box ⑩**		[A]	$ 61,235.00				
Total meter equivalents at end of test year - From **Table VII, Line [K], Box ⑤**		[B]	132.0				
Base charge per meter equivalent or for each unmetered connection [A] ÷[B] and then divide by 12		[C]	$ 38.66				
Base charge per meter size							
5/8" x 3/4" **or** unmetered	Multiply [C] by 1	[D]	38.7	0.00	0.00 ⑥	0.00	38.66
3/4"	Multiply [C] by 1.5	[E]			⑥		
1"	Multiply [C] by 2.5	[F]			⑥		
11/2"	Multiply [C] by 5.0	[G]			⑥		
2"	Multiply [C] by 8.0	[H]			⑥		
3"	Multiply [C] by 15.0	[I]			⑥		
Other:		[J]			⑥		

⑥ From **Table IX. A., Line [D]**

SECTION X - ALTERNATE METHOD OF RATE DESIGN - WATER

After you have performed the calculations in **SECTION IX**, you may find that the cost per 1,000 gallons is not what you think your customers will approve. If that is the case, then the following will allow you to calculate a rate structure that still recovers your revenue requirement, but with rates that you think may be more appropriate for your customers.

Table X. A.

	Line		
Cost per 1,000 gallons	[A]	$ 3.00	This is the rate that you think is appropriate Enter in **Table X. B., Column ③ , Lines [B] through [H]**
Total # of 1,000 Gallons billed	[B]	11,925	From **Table IX. A., Line [C]**
Total Cost to be recovered through gallonage charge	[C]	$ 35,775.00	Multiply Line [A] times Line [B]
Total Revenue Requirement	[D]	$ 91,396.00	From **Table VI. A., Line [T] Box ⑧**
Total to be recovered through base rate	[E]	$ 55,621.00	Subtract Line [C] from Line [D]
Total number of meter equivalents	[F]	132	From **Table VII, Line [K], Box ⑤**
Base rate per meter equivalent	[G]	$ 35.11	Divide Line [E] by Line [F] & then divide by 12months Enter this in **Table X. B, Line [A] Column ①**

Table X. B.

		Line		# of 1000 gallons in base bill	Variable cost per 1,000 gals	Variable cost added to base	Total base bill per meter size
			①	②	③	④=②*③	⑤=①+④
Base charge per meter equivalent or for each unmetered connection From **Table X. A, Line [G]**		[A]	$ 35.11				
	Base rate per meter size						
5/8" x 3/4" or unmetered	Multiply [A] ① by 1	[B]	35.11	0	3.00 ⑥	0.00	35.11
3/4"	Multiply [A] ① by 1.5	[C]			⑥		
1"	Multiply [A] ① by 2.5	[D]			⑥		
11/2"	Multiply [A] ① by 5.0	[E]			⑥		
2"	Multiply [A] ① by 8.0	[F]			⑥		
3"	Multiply [A] ① by 15.0	[G]			⑥		
Other:		[H]			⑥		

⑥ From **Table X. A., Line [A]**

AFFIDAVIT

STATE OF TEXAS

COUNTY OF Hood

I, Kenneth Swaim being duly sworn, file this **NOTICE OF PROPOSED RATE CHANGE as** Owner (indicate relationship to Utility, that is, owner, member of partnership, title as officer of corporation, or other authorized representative of Utility); that, in such capacity, I am qualified and authorized to file and verify such NOTICE; and that all statements made and matters set forth herein are true and correct.

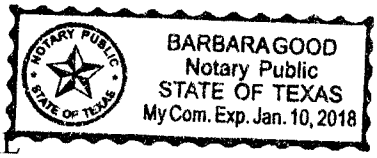
I further represent that a copy of the attached NOTICE was provided by Mail (mail or hand delivery) to each customer or other affected party on or about February, 20 , 20 15

Kenneth Swaim
AFFIANT
(Utility's Authorized Representative)

If the Affiant to this form is any person other than the sole owner, partner, officer of the Utility, or its attorney, a properly verified Power of Attorney must be enclosed.

SUBSCRIBED AND SWORN TO BEFORE ME, this the 19th day of February , 20 15 , to certify which witness my hand and seal of office.

SEAL



Barbara Good
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

Barbara Good
PRINT OR TYPE NAME OF NOTARY

MY COMMISSION EXPIRES 01-10-2018

NOTICE OF PROPOSED RATE CHANGE

Mooreland Water Company	11603
Company Name	CCN Number

has submitted a rate change application to the Public Utility Commission of Texas (Commission). The proposed rates listed on the next page will apply to service received after the effective date provided below. If the Commission receives protests to the proposed increase from 10 percent of the ratepayers or from any affected municipality before the 91st day after the proposed effective date, a public hearing will be scheduled to determine if the proposed rates are reasonable. Protests should be filed (10 copies) with:

Filing Clerk
Public Utility Commission of Texas
1701 North Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326

Unless protests are received from 10 percent of the ratepayers or the Commission staff requests a hearing, no hearing will be held and rates will be effective as proposed. Please read the following information carefully:

Mooreland Water Company
Subdivisions or Systems Affected by Rate Change

1011 Ross Lane	Granbury	TX	76048	(817) 579-1743
Company Address	City	State	Zip	Telephone

$ 20,833.00	2/21/2015
Annual Revenue Increase	Date Customer Notice Mailed

1/1/1997	14 - 16
Date of Last Rate Change	Date Meters Typically Read

EFFECTIVE DATE OF PROPOSED INCREASE: 5/14/2015

Reason(s) for proposed Rate Change:

The rate increase is needed to pay for repairs, system upgrades required by regulation, increased energy costs, increased chemical costs, increased laboratory fees, increased Regulatory fees since the last rate increase in 1997.

BILLING COMPARISON

Water

Existing	10,000 gallons:	$ 38.25 /mo		Existing	30,000 gallons:	$ 83.25 /mo	
Proposed	10,000 gallons:	$ 65.11 /mo		Proposed	30,000 gallons:	$ 125.11 /mo	

Sewer

Existing	10,000 gallons:	$ _____ /mo		Proposed	10,000 gallons:	$ _____ /mo	

The proposed rates will apply to all service rendered after the effective date and will be reflected on the bill you receive approximately 30 to 45 days after the effective date.

In the event that the application is set for hearing, the specific rates requested by the utility may be decreased or increased by order of the Commission. If the Commission orders a lower rate to be set, the utility may be ordered to refund or credit against future bills all sums collected during the pendency of the rate proceeding in excess of the rate finally ordered plus interest.
You may inspect a copy of the rate change application at your utility's office or at the Commission's office
Public Utility Commission of Texas, 1701 North Congress Avenue, Austin, Texas 78701

Si desea informacion en Espanol, puede llamar al
1-888-782-8477

CURRENT RATES			PROPOSED RATES		
Monthly base rate including 3,000.00 gallons Meter Size: **RESIDENTIAL**			Monthly base rate including 0.00 gallons Meter Size: **RESIDENTIAL**		
"5/8/or ¾"	$	22.50	"5/8/or ¾"	$	35.11
1"	$		1"	$	
1 1/2"	$		1 1/2"	$	
2"	$		2"	$	
3"	$		3"	$	
Other:	$		Other:	$	
GALLONAGE CHARGE:			**GALLONAGE CHARGE:**		
$ 2.25 for each additional 1000 gallons over the the minimum.			$ 3.00 for each additional 1000 gallons over the the minimum.		

MISCELLANEOUS FEES			MISCELLANEOUS FEES		
Tap Fee	$	350.00	Tap Fee	$	350.00
Reconnect fee: Non-payment (Maximum - $25.00)	$	25.00	Reconnect fee: Non-payment (Maximum - $25.00)	$	25.00
Customer's Request	$	25.00	Customer's Request	$	25.00
Transfer Fee	$	25.00	Transfer Fee	$	25.00
Late Charge	$	2.00	Late charge: **(Indicate either $5.00 or 10%)**	$	5.00
Returned Check Charge	$	20.00	Returned Check Charge	$	20.00
Deposit	$	50.00	Deposit (Maximum $50.00)	$	50.00
Meter test fee	$		Meter test fee	$	25.00

Regulatory Assessment of 1% is added to base rate and gallonage charges.

If applicable, list any bill payment assistance programs to low income Ratepayers.

County Social Services

SECTION 1.0 –RATE SCHEDULE

Section 1.01 – Rates

Monthly base rate including	0.00	gallons	
Meter Size:			
Residential			
5/8" or ¾"	$		35.11
1"	$		
1 ½"	$		
2"	$		
3"	$		
Other:	$		
Gallonage Charge:	$	3.00	for each additional 1000 gallons over the minimum.

Regulatory Assessment Fee 1%
A REGULATORY ASSESSMENT, EQUAL TO ONE PERCENT OF THE CHARGE FOR RETAIL WATER SERVICE ONLY, SHALL BE COLLECTED FROM EACH RETAIL CUSTOMER

Section 1.02 - Miscellaneous Fees

TAP FEE $ 350.00
TAP FEE IS BASED ON THE UTILITY'S ACTUAL COST FOR MATERIALS AND LABOR FOR STANDARD RESIDENTIAL CONNECTION OF 5/8 X ¾" METER.

RECONNECTION FEE
THE RECONNECT FEE WILL BE CHARGED BEFORE SERVICE CAN BE RESTORED TO A CUSTOMER WHO HAS BEE DISCONNECTED FOR THE FOLLOWING REASONS:

a)	**Non payment of bill (Maximum $25.00)**	$ 25.00
b)	**Customer's request**	$ 25.00
Or other reasons listed under Section 2.0 of this tariff		$ 25.00

TRANSFER FEE $ 25.00
THE TRANSFER FEE WILL BE CHARGED FOR CHANGING AN ACCOUNT NAME AT THE SAME SERVICE LOCATION WHEN THE SERVICE IS NOT DISCONNECTED.

LATE CHARGE (Not more than $5.00 or 10%)(Indicate one) $ 5.00
A ONE TIME PENALTY MADE ON DELINQUENT BILLS BUT MAY NOT BE APPLIED TO ANY BALANCE TO WHICH THE PENALTY WAS APPLIED IN A PREVIOUS BILLING.

RETURNED CHECK CHARGE $ 20.00

CUSTOMER DEPOSIT (Maximum $50) $ 50.00

METER TEST FEE (actual cost of testing the meter up to $25.00 $ 25.00
THIS FEE MAY BE CHARGED IF A CUSTOMER REQUESTS A SECOND METER TEST WITHIN A TWO YEAR PERIOD AND THE TEST INDICATES THAT THE METER IS RECORDING ACCURATELY

RATES LISTED ARE EFFECTIVE ONLY IF THIS PAGE HAS PUCAPPROVAL STAMP

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 19, 2014

Mr. Donald Kenneth Swaim, Owner
Mooreland Water Company
1011 Ross Lane
Granbury, TX 76048

Re: Public Water Supply Comprehensive Compliance Investigation at:
Mooreland Water Company, Granbury, Hood County, Texas
RN101237600, PWS ID No. 1110006, Investigation No. 1211791

Dear Mr. Swaim:

On November 13, 2014, Ms. Ariel Yeh of the Texas Commission on Environmental Quality (TCEQ) Dallas/Fort Worth (D/FW) Regional Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for public water supply systems. No violations are being alleged as a result of the investigation. However, an additional issue was noted. A violation noted during the previous investigation was resolved. Please see the attached Summary of Investigation Findings.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Ms. Yeh in the D/FW Regional Office at 817-588-5878.

Sincerely,

Charles Marshall
Team Leader, Public Water Supply Program
D/FW Regional Office

CM/acy

Enclosure: Summary of Investigation Findings

Summary of Investigation Findings

MOORELAND WATER
1011 ROSS LN
GRANBURY, HOOD COUNTY, TX 76048

Additional ID(s): 1110006

Investigation # 1211791
Investigation Date: 11/13/2014

ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 361661
30 TAC Chapter 290.45(b)(1)(C)(iv)

Alleged Violation:
Investigation: 736654 Comment Date: 04/01/2009

Failure to provide a pressure tank capacity of 20 gallons per connection.

For 50 to 250 connections, the system must meet the following requirements: a pressure tank capacity of 20 gallons per connection.
Investigation: 778410 Comment Date: 10/22/2009

Failure to provide a pressure tank capacity of 20 gallons per connection. System provides 2,500 gals. of pressure tank capacity, where as 2,760 required for 138 connections (< 10% deficient).
Investigation: 964235 Comment Date: 11/17/2011

Failure to provide a pressure tank capacity of at least 20 gallons per connection.

During the comprehensive compliance investigation on October 17, 2011, it was noted that the water system does not provided the minimum required pressure tank capacity of 20 gallons per connection. The public water system currently serves 138 community connections and therefore is required to provide a pressure tank capacity of at least 2,760 gallons. During the investigation it was documented that the water system is equipped with one pressure tank measuring 2,500 gallons in capacity. Based on this information, the water system is approximately 9 percent (%) deficient of this requirement.

30 TAC 290.46(b)(1)(C)(iv) states community groundwater systems with 50 to 250 connections must meet an elevated storage capacity of 100 gallons per connection or a pressure tank capacity of 20 gallons per connection.
Investigation: 997551 Comment Date: 04/27/2012

Failure to provide a pressure tank capacity of 20 gallons per connection.

On February 28, 2012, compliance documentation was received at the TCEQ Region 4 Office. Included in the documentation was a statement that the water system had begun to work towards an alternative capacity requirement for pressure tank capacity. The alleged violation remains unresolved until such a time that an alternative capacity requirement is granted or the pressure capacity is increased.
Investigation: 1211791 Comment Date: 12/08/2014

Failure to provide a pressure tank capacity of at least 20 gallons per connection.

30 TAC 290.46(b)(1)(C)(iv) states that community groundwater systems with 50 to 250 connections must meet an elevated storage capacity of 100 gallons per connection or a pressure tank capacity of 20 gallons per connection.

Recommended Corrective Action: Increase the pressure tank capacity in order to meet the minimum required capacity of 20 gallons per connection.

Please note that any changes made to the water production facilities which will result in any

increase or decrease in capacity, require notification as outlined below.

Public water systems shall notify the executive director prior to making any significant change or addition to the system's production, treatment, storage, pressure maintenance, or distribution facilities. Public water systems shall submit plans and specifications for the proposed changes upon request. The following is considered to be significant: proposed changes to existing systems which result in an increase or decrease in production, treatment, storage, or pressure maintenance capacity.

Please notify the TCEQ in writing if a significant change has or will occur. After notification, the TCEQ will determine if plans and specifications prepared by a licensed engineer will be required. Send the notification to: TCEQ, Water Supply Division, Technical Review and Oversight Team, MC 155, P.O. Box 13087, Austin, TX 78711-3087; phone: (512) 239-4961.

Resolution: During the investigation, the water system was required to provide 1,890 gallons of pressure capacity according to the ACR, which was granted on September 12, 2012. The total pressure capacity was noted to be 2,500 gallons.

ADDITIONAL ISSUES

Description	Additional Comments
Item 2 The	During the comprehensive compliance investigation on November 13, 2014, it was noted that the water system was operating at approximately 90% of its minimum required pump capacity. A retail public utility that possesses a certificate of public convenience and necessity that has reached 85% of its capacity as compared to the most restrictive criteria of the commission's minimum capacity requirements in 30 TAC 291.93(3) shall submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certified area. Please submit an adequate planning report to the TCEQ D/FW Region Office within 90 days.

The development is complete and Mooreland Water does not expect additional customers.

Kennett.

WATER UTILITY TARIFF

Docket Number: _____

(this number will be assigned by the Public Utility Commission after your tariff is filed)

Mooreland Water Company
(Utility Name)

1011 Ross Lane
(Business Address)

Granbury, TX 76048
(City, State, Zip Code)

817-579-1743
(Area Code/Telephone)

This tariff is effective for utility operations under the following Certificate of Convenience and Necessity:

This tariff is effective in the following counties:

Hood

This tariff is effective in the following cities or unincorporated towns (if any):

N/A

This tariff is effective in the following subdivisions or public water systems:

Briarwood Subdivision

TABLE OF CONTENTS

The above utility lists the following sections of its tariff (if additional pages are needed for a section, all pages should be numbered consecutively):

TABLE OF CONTENTS

Note: Appendix A – Drought Contingency Plan (DCP) is approved by the Texas Commission on Environmental Quality; however, the DCP is included as part of your approved utility tariff pursuant to PUC rules. If you are establishing a tariff for the first time, please contact the TCEQ to complete and submit a DCP for approval.

SECTION 1.0 -- RATE SCHEDULE

Section 1.01 - Rates

Meter Size	Monthly Minimum Charge		Gallonage Charge		
5/8" or 3/4"	$ 65.11	(Includes gallons)	$ 3.00	per 1000 gallons, 1st	_____ gallons
1"	$ _____		$ 3.00	per 1000 gallons, next	_____ gallons
1½ "	$ _____		$ 3.00	per 1000 gallons thereafter	
2"	$ _____				
3"	$ _____				
4"	$ _____				

FORM OF PAYMENT: The utility will accept the following forms of payment:
Cash X Check X Money Order X Credit Card ___ Other (specify_____

THE UTILITY MAY REQUIRE EXACT CHANGE FOR PAYMENTS AND MAY REFUSE TO ACCEPT PAYMENTS MADE USING MORE THAN $1.00 IN SMALL COINS. A WRITTEN RECEIPT WILL BE GIVEN FOR CASH PAYMENTS.

REGULATORY ASSESSMENT 1.0%

PUC RULES REQUIRE THE UTILITY TO COLLECT A FEE OF ONE PERCENT OF THE RETAIL MONTHLY BILL AND REMIT THE FEE TO THE TCEQ.

Section 1.02 - Miscellaneous Fee

TAP FEE $ 350.00

TAP FEE COVERS THE UTILITY'S COSTS FOR MATERIALS AND LABOR TO INSTALL A STANDARD RESIDENTIAL 5/8" or 3/4" METER. AN ADDITIONAL FEE TO COVER UNIQUE COSTS IS PERMITTED IF LISTED ON THIS TARIFF.

TAP FEE (Unique Costs) Actual Cost

FOR EXAMPLE, A ROAD BORE FOR CUSTOMERS OUTSIDE OF SUBDIVISIONS OR RESIDENTIAL AREAS.

TAP FEE (Large Meter) Actual Cost

TAP FEE IS THE UTILITY'S ACTUAL COST FOR MATERIALS AND LABOR FOR METER SIZE INSTALLED.

METER RELOCATION FEE Actual Relocation Cost, Not to Exceed Tap Fee

THIS FEE MAY BE CHARGED IF A CUSTOMER REQUESTS THAT AN EXISTING METER BE RELOCATED

METER TEST FEE $ 25.00

THIS FEE WHICH SHOULD REFLECT THE UTILITY'S COST MAY BE CHARGED IF A CUSTOMER REQUESTS A SECOND METER TEST WITHIN A TWO-YEAR PERIOD AND THE TEST INDICATES THAT THE METER IS RECORDING ACCURATELY. THE FEE MAY NOT EXCEED $25.

SECTION 1.0 – RATE SCHEDULE (Continued)

RECONNECTION FEE
THE RECONNECT FEE MUST BE PAID BEFORE SERVICE CAN BE RESTORED TO A CUSTOMER WHO HAS BEEN DISCONNECTED FOR THE FOLLOWING REASONS (OR OTHER REASONS LISTED UNDER SECTION 2.0 OF THIS TARIFF):

a) Nonpayment of bill (Maximum $25.00) $ 25.00

b) Customer's request that service be disconnected $ 25.00

c) _____ $ _____

TRANSER FEE $ 25.00
THE TRANSFER FEE WILL BE CHARGED FOR CHANGING AN ACCOUNT NAME AT THE SAME SERVICE LOCATION WHEN THE SERVICE IS NOT DISCONNECTED.

LATE CHARGE (EITHER $5.00 OR 10% OF THE BILL) $ 5.00 or 10%
PUC RULES ALLOW A ONE-TIME PENALTY TO BE CHARGED ON DELINQUENT BILLS. A LATE CHARGE MAY NOT BE APPLIED TO ANY BALANCE TO WHICH THE PENALTY WAS APPLIED IN A PREVIOUS BILLING.

RETURNED CHECK CHARGE $ 25.00
RETURNED CHECK CHARGES MUST BE BASED ON THE UTILITY'S DOCUMENTABLE COST.

CUSTOMER DEPOSIT RESIDENTIAL (Maximum $50) $ 50.00

COMMERCIAL & NON-RESIDENTIAL DEPOSIT
1/6TH OF ESTIMATED ANNUAL BILL

GOVERNMENTAL TESTING, INSPECTION AND COSTS SURCHARGE
$ actual cost
WHEN AUTHORIZED IN WRITING BY PUC AND AFTER NOTICE TO CUSTOMERS, THE UTILITY MAY INCREASE RATES TO RECOVER INCREASED COSTS FOR INSPECTION FEES AND WATER TESTING. [P.U.C. SUBST. R. 24.21(k)(2)]

LINE EXTENSION AND CONSTRUCTION CHARGES:
REFER TO SECTION 3.0--EXTENSION POLICY FOR TERMS, CONDITIONS, AND CHARGES WHEN NEW CONSTRUCTION IS NECESSARY TO PROVIDE SERVICE.

SECTION 2.0 -- SERVICE RULES AND POLICIES

The utility will have the most current Public Utility Commission of Texas (PUC or commission rules relating to Water and Wastewater Utility regulations, available at its office for reference purposes. The Rules and this tariff shall be available for public inspection and reproduction at a reasonable cost. The latest Rules or commission approved changes to the Rules supersede any rules or requirements in this tariff.

Section 2.01 - Application for Water Service

All applications for service will be made on the utility's standard application or contract form (attached in the Appendix to this tariff), will be signed by the applicant, any required fees (deposits, reconnect, tap, extension fees, etc. as applicable) will be paid and easements, if required, will be granted before service is provided by the utility. A separate application or contract will be made for each service location.

Section 2.02 - Refusal of Service

The utility may decline to serve an applicant until the applicant has complied with the regulations of the regulatory agencies (state and municipal regulations) and for the reasons outlined in the PUC Rules. In the event that the utility refuses to serve an applicant, the utility will inform the applicant in writing of the basis of its refusal. The utility is also required to inform the applicant that a complaint may be filed with the commission.

Section 2.03 - Fees and Charges & Easements Required Before Service Can Be Connected

(A) Customer Deposits
If a residential applicant cannot establish credit to the satisfaction of the utility, the applicant may be required to pay a deposit as provided for in Section 1.02 - Miscellaneous Fees of this tariff. The utility will keep records of the deposit and credit interest in accordance with PUC Rules.

Residential applicants 65 years of age or older may not be required to pay deposits unless the applicant has an outstanding account balance with the utility or another water or sewer utility which accrued within the last two years.

Nonresidential applicants who cannot establish credit to the satisfaction of the utility may be required to make a deposit that does not exceed an amount equivalent to one-sixth of the estimated annual billings.

SECTION 2.0 – SERVICE RULES AND POLICIES (Continued)

Refund of deposit - If service is not connected, or after disconnection of service, the utility will promptly refund the customer's deposit plus accrued interest or the balance, if any, in excess of the unpaid bills for service furnished. The utility may refund the deposit at any time prior to termination of utility service but must refund the deposit plus interest for any residential customer who has paid 18 consecutive billings without being delinquent.

(B) Tap or Reconnect Fees

A new customer requesting service at a location where service has not previously been provided must pay a tap fee as provided in Section 1. A customer requesting service where service has previously been provided must pay a reconnect fee as provided in Section 1. Any applicant or existing customer required to pay for any costs not specifically set forth in the rate schedule pages of this tariff shall be given a written explanation of such costs prior to request for payment and/or commencement of construction. If the applicant or existing customer does not believe that these costs are reasonable or necessary, the applicant or existing customer shall be informed of their right to appeal such costs to the PUC or such other regulatory authority having jurisdiction over the utility's rates in that portion of the utility's service area in which the applicant's or existing customer's property(ies) is located.

Fees in addition to the regular tap fee may be charged if listed specifically in Section 1 to cover unique costs not normally incurred as permitted by P.U.C. SUBST. R. 24.86(a)(1)(C). For example, a road bore for customers outside a subdivision or residential area could be considered a unique cost.

(C) Easement Requirement

Where recorded public utility easements on the service applicant's property do not exist or public road right-of-way easements are not available to access the applicant's property, the utility may require the applicant to provide it with a permanent recorded public utility easement on and across the applicant's real property sufficient to provide service to that applicant. Such easement(s) shall not be used for the construction of production, storage, transmission or pressure facilities unless they are needed for adequate service to that applicant.

SECTION 2.0 – SERVICE RULES AND POLICIES (Continued)

Section 2.04 - Utility Response to Applications for Service

After the applicant has met all the requirements, conditions and regulations for service, the utility will install tap, meter and utility cut-off valve and/or take all necessary actions to initiate service. The utility will serve each qualified applicant for service within 5 working days unless line extensions or new facilities are required. If construction is required to fill the order and if it cannot be completed within 30 days, the utility will provide the applicant with a written explanation of the construction required and an expected date of service.

Except for good cause where service has previously been provided, service will be reconnected within one working day after the applicant has met the requirements for reconnection.

Section 2.05 - Customer Responsibility

The customer will be responsible for furnishing and laying the necessary customer service pipe from the meter location to the place of consumption. Customers will not be allowed to use the utility's cutoff valve on the utility's side of the meter. Existing customers may install cutoff valves on their side of the meter and are encouraged to do so. All new customers may be required to install and maintain a cutoff valve on their side of the meter.

No direct connection between a public water supply system and any potential source of contamination or between a public water supply system and a private water source (ex. private well) will be allowed. A customer shall not connect, or allow any other person or party to connect, onto any water lines on his premises.

Section 2.06 - Customer Service Inspections

Applicants for new service connections or facilities which have undergone extensive plumbing modifications are required to furnish the utility a completed customer service inspection certificate. The inspection certificate shall certify that the establishment is in compliance with the Texas Commission on Environmental Quality (TCEQ) Rules and Regulations for Public Water Systems, Section 290.46(j). The utility is not required to perform these inspections for the applicant/customer, but will assist the applicant/customer in locating and obtaining the services of a certified inspector.

SECTION 2.0 – SERVICE RULES AND POLICIES (Continued)

Section 2.07 - Back Flow Prevention Devices

No water connection shall be allowed to any residence or establishment where an actual or potential contamination hazard exists unless the public water facilities are protected from contamination by either an approved air gap, backflow prevention assembly, or other approved device. The type of device or backflow prevention assembly required shall be determined by the specific potential hazard identified in Title 30 Texas Administrative Code (TAC) §290.47(i) Appendix I, Assessment of Hazards and Selection of Assemblies of the TCEQ Rules and Regulations for Public Water Systems.

The use of a backflow prevention assembly at the service connection shall be considered as additional backflow protection and shall not negate the use of backflow protection on internal hazards as outlined and enforced by local plumbing codes. When a customer service inspection certificate indicates that an adequate internal cross-connection control program is in effect, backflow protection at the water service entrance or meter is not required.

At any residence or establishment where it has been determined by a customer service inspection, that there is no actual or potential contamination hazard, as referenced in 30 TAC §290.47(i) Appendix I, Assessment of Hazards and Selection of Assemblies of the TCEQ Rules and Regulations for Public Water Systems, then a backflow prevention assembly or device is not required. Outside hose bibs do require, at a minimum, the installation and maintenance of a working atmospheric vacuum breaker.

All backflow prevention assemblies or devices shall be tested upon installation by a TCEQ certified backflow prevention assembly tester and certified to be operating within specifications. Backflow prevention assemblies which are installed to provide protection against health hazards must also be tested and certified to be operating within specifications at least annually by a certified backflow prevention assembly tester.

If the utility determines that a backflow prevention assembly or device is required, the utility will provide the customer or applicant with a list of TCEQ certified backflow prevention assembly testers. The customer will be responsible for the cost of installation and testing, if any, of backflow prevention assembly or device. The customer should contact several qualified installers to compare prices before installation. The customer must pay for any required maintenance and annual testing and must furnish a copy of the test results demonstrating that the assembly is functioning properly to the utility within 30 days after the anniversary date of the installation unless a different date is agreed upon.

SECTION 2.0 -- SERVICE RULES AND POLICIES (Continued)

Section 2.08 - Access to Customer's Premises

The utility will have the right of access to the customer's premises at all reasonable times for the purpose of installing, testing, inspecting or repairing water mains or other equipment used in connection with its provision of water service, or for the purpose of removing its property and disconnecting lines, and for all other purposes necessary to the operation of the utility system including inspecting the customer's plumbing for code, plumbing or tariff violations. The customer shall allow the utility and its personnel access to the customer's property to conduct any water quality tests or inspections required by law. Unless necessary to respond to equipment failure, leak or other condition creating an immediate threat to public health and safety or the continued provision of adequate utility service to others, such entry upon the customer's property shall be during normal business hours and the utility personnel will attempt to notify the customer that they will be working on the customer's property. The customer may require any utility representative, employee, contractor, or agent seeking to make such entry identify themselves, their affiliation with the utility, and the purpose of their entry.

All customers or service applicants shall provide access to meters and utility cutoff valves at all times reasonably necessary to conduct ordinary utility business and after normal business hours as needed to protect and preserve the integrity of the public drinking water supply.

Section 2.09 - Meter Requirements, Readings, and Testing

One meter is required for each residential, commercial, or industrial connection. All water sold by the utility will be billed based on meter measurements. The utility will provide, install, own and maintain meters to measure amounts of water consumed by its customers.

Meters will be read at monthly intervals and as nearly as possible on the corresponding day of each monthly meter reading period unless otherwise authorized by the Commission.

SECTION 2.0 -- SERVICE RULES AND POLICIES(Continued)

Meter tests. The utility will, upon the request of a customer, and, if the customer so desires, in his or her presence or in that of his or her authorized representative, make without charge a test of the accuracy of the customer's meter. If the customer asks to observe the test, the test will be made during the utility's normal working hours at a time convenient to the customer. Whenever possible, the test will be made on the customer's premises, but may, at the utility's discretion, be made at the utility's testing facility. If within a period of two years the customer requests a new test, the utility will make the test, but if the meter is found to be within the accuracy standards established by the American Water Works Association, the utility will charge the customer a fee which reflects the cost to test the meter up to a maximum $25 for a residential customer. Following the completion of any requested test, the utility will promptly advise the customer of the date of removal of the meter, the date of the test, the result of the test, and who made the test.

Section 2.10 - Billing

(A) Regular Billing
Bills from the utility will be mailed monthly unless otherwise authorized by the Commission. The due date of bills for utility service will be at least sixteen (16) days from the date of issuance. The postmark on the bill or, if there is no postmark on the bill, the recorded date of mailing by the utility will constitute proof of the date of issuance. Payment for utility service is delinquent if full payment, including late fees and the regulatory assessment, is not received at the utility or the utility's authorized payment agency by 5:00 p.m. on the due date. If the due date falls on a holiday or weekend, the due date for payment purposes will be the next workday after the due date.

(B) Late Fees
A late penalty of either $5.00 or 10.0% will be charged on bills received after the due date. The penalty on delinquent bills will not be applied to any balance to which the penalty was applied in a previous billing. The utility must maintain a record of the date of mailing to charge the late penalty.

(C) Information on Bill
Each bill will provide all information required by the PUC Rules. For each of the systems it operates, the utility will maintain and note on the monthly bill a local or toll-free telephone number (or numbers) to which customers can direct questions about their utility service.

SECTION 2.0 -- SERVICE RULES AND POLICIES (Continued)

(D) Prorated Bills
If service is interrupted or seriously impaired for 24 consecutive hours or more, the utility will prorate the monthly base bill in proportion to the time service was not available to reflect this loss of service.

Section 2.11- Payments

All payments for utility service shall be delivered or mailed to the utility's business office. If the business office fails to receive payment prior to the time of noticed disconnection for non-payment of a delinquent account, service will be terminated as scheduled. Utility service crews shall not be allowed to collect payments on customer accounts in the field.

Payment of an account by any means that has been dishonored and returned by the payor or payee's bank, shall be deemed to be delinquent. All returned payments must be redeemed with cash or valid money order. If a customer has two returned payments within a twelve month period, the customer shall be required to pay a deposit if one has not already been paid.

Section 2.12 - Service Disconnection

(A) With Notice
Utility service may be disconnected if the bill has not been paid in full by the date listed on the termination notice. The termination date must be at least 10 days after the notice is mailed or hand delivered.

The utility is encouraged to offer a deferred payment plan to a customer who cannot pay an outstanding bill in full and is willing to pay the balance in reasonable installments. However, a customer's utility service may be disconnected if a bill has not been paid or a deferred payment agreement entered into within 26 days from the date of issuance of a bill and if proper notice of termination has been given.

Notice of termination must be a separate mailing or hand delivery in accordance with the PUC Rules.

B) Without Notice
Utility service may also be disconnected without notice for reasons as described in the PUC Rules.

SECTION 2.0 -- SERVICE RULES AND POLICIES (Continued)

Section 2.13 - Reconnection of Service

Utility personnel must be available during normal business hours to accept payments on the day service is disconnected and the following day unless service was disconnected at the customer's request or due to a hazardous condition.

Service will be reconnected within 36 hours after the past due bill, reconnect fees and any other outstanding charges are paid or the conditions which caused service to be disconnected are corrected.

Section 2.14 - Service Interruptions

The utility will make all reasonable efforts to prevent interruptions of service. If interruptions occur, the utility will re-establish service within the shortest possible time. Except for momentary interruptions due to automatic equipment operations, the utility will keep a complete record of all interruptions, both emergency and scheduled and will notify the commission in writing of any service interruptions affecting the entire system or any major division of the system lasting more than four hours. The notice will explain the cause of the interruptions.

Section 2.15 - Quality of Service

The utility will plan, furnish, and maintain production, treatment, storage, transmission, and distribution facilities of sufficient size and capacity to provide a continuous and adequate supply of water for all reasonable consumer uses. Unless otherwise authorized by the TCEQ, the utility will maintain facilities as described in the TCEQ Rules and Regulations for Public Water Systems.

Section 2.16 - Customer Complaints and Disputes

If a customer or applicant for service lodges a complaint, the utility will promptly make a suitable investigation and advise the complainant of the results. Service will not be disconnected pending completion of the investigation. If the complainant is dissatisfied with the utility's response, the utility must advise the complainant that he has recourse through either the TCEQ or PUC complaint process, depending on the nature of the complaint. Pending resolution of a complaint, the commission may require continuation or restoration of service.

SECTION 2.0 -- SERVICE RULES AND POLICIES (Continued)

The utility will maintain a record of all complaints which shows the name and address of the complainant, the date and nature of the complaint and the adjustment or disposition thereof, for a period of two years after the final settlement of the complaint.

In the event of a dispute between a customer and a utility regarding any bill for utility service, the utility will conduct an investigation and report the results to the customer. If the dispute is not resolved, the utility will inform the customer that a complaint may be filed with the commission.

Section 2.17 - Customer Liability

Customer shall be liable for any damage or injury to utility-owned property shown to be caused by the customer.

SECTION 3.0--EXTENSION POLICY

Section 3.01 - Standard Extension Requirements

LINE EXTENSION AND CONSTRUCTION CHARGES: NO CONTRIBUTION IN AID OF CONSTRUCTION MAY BE REQUIRED OF ANY CUSTOMER EXCEPT AS PROVIDED FOR IN THIS APPROVED EXTENSION POLICY.

The utility is not required to extend service to any applicant outside of its certified service area and will only do so under terms and conditions mutually agreeable to the utility and the applicant, in compliance with PUC rules and policies, and upon extension of the utility's certified service area boundaries by the PUC.

The applicant for service will be given an itemized statement of the costs, options such as rebates to the customer, sharing of construction costs between the utility and the customer, or sharing of costs between the customer and other applicants prior to beginning construction.

The utility is not required to extend service to any applicant outside of its certificated service area and will only do so under terms and conditions mutually agreeable to the utility and the applicant, in compliance with PUC rules and policies, and upon extension of the utility's certificated service area boundaries by the PUC.

Section 3.02 - Costs Utilities and Service Applicants Shall Bear

Within its certified area, the utility will pay the cost of the first 200 feet of any water main or distribution line necessary to extend service to an individual residential customer within a platted subdivision.

However, if the residential customer requesting service purchased the property after the developer was notified in writing of the need to provide facilities to the utility, the utility may charge for the first 200 feet. The utility must also be able to document that the developer of the subdivision refused to provide facilities compatible with the utility's facilities in accordance with the utility's approved extension policy after receiving a written request from the utility.

SECTION 3.0 -- EXTENSION POLICY (Continued)

Residential customers will be charged the equivalent of the costs of extending service to their property from the nearest transmission or distribution line even if that line does not have adequate capacity to serve the customer. However, if the customer places unique, non-standard service demands upon the system, the customer may be charged the additional cost of extending service to and throughout their property, including the cost of all necessary transmission and storage facilities necessary to meet the service demands anticipated to be created by that property.

Unless an exception is granted by the TCEQ, the residential service applicant shall not be required to pay for costs of main extensions greater than 2" in diameter for water distribution and pressure wastewater collection lines and 6" in diameter for gravity wastewater lines.

Exceptions may be granted by the TCEQ if:

- adequate service cannot be provided to the applicant using the maximum line sizes listed due to distance or elevation, in which case, it shall be the utility's burden to justify that a larger diameter pipe is required for adequate service;
- or larger minimum line sizes are required under subdivision platting requirements or building codes of municipalities within whose corporate limits or extraterritorial jurisdiction the point of use is located; or the residential service applicant is located outside the CCN service area.

If an exception is granted by the TCEQ, the utility shall establish a proportional cost plan for the specific extension or a rebate plan which may be limited to seven years to return the portion of the applicant's costs for oversizing as new customers are added to ensure that future applicants for service on the line pay at least as much as the initial service applicant.

For purposes of determining the costs that service applicants shall pay, commercial customers with service demands greater than residential customer demands in the certified area, industrial, and wholesale customers shall be treated as developers. A service applicant requesting a one inch meter for a lawn sprinkler system to service a residential lot is not considered nonstandard service.

If an applicant requires service other than the standard service provided by the utility, such applicant will be required to pay all expenses incurred by the utility in excess of the expenses that would be incurred in providing the standard service and connection beyond 200 feet and throughout his property including the cost of all necessary transmission facilities.

SECTION 3.0 -- EXTENSION POLICY (Continued)

The utility will bear the full cost of any over-sizing of water mains necessary to serve other customers in the immediate area. The individual residential customer shall not be charged for any additional production, storage, or treatment facilities. Contributions in aid of construction may not be required of individual residential customers for production, storage, treatment or transmission facilities unless otherwise approved by the Commission under this specific extension policy.

Section 3.03 - Contributions in Aid of Construction

Developers may be required to provide contributions in aid of construction in amounts sufficient to furnish the development with all facilities necessary to provide for reasonable local demand requirements and to comply with TCEQ minimum design criteria for facilities used in the production, transmission, pumping, or treatment of water or TCEQ minimum requirements. For purposes of this subsection, a developer is one who subdivides or requests more than two meters on a piece of property. Commercial, industrial, and wholesale customers will be treated as developers.

Any applicant who places unique or non-standard service demands on the system may be required to provide contributions in aid of construction for the actual costs of any additional facilities required to maintain compliance with the TCEQ minimum design criteria for water production, treatment, pumping, storage and transmission.

Any service extension to a subdivision (recorded or unrecorded) may be subject to the provisions and restrictions of P.U.C. SUBST. R. 24.86(d). When a developer wishes to extend the system to prepare to service multiple new connections, the charge shall be the cost of such extension, plus a pro-rata charge for facilities which must be committed to such extension compliant with the TCEQ minimum design criteria. As provided by P.U.C. SUBST. R. 24.85(e)(3), for purposes of this section, commercial, industrial, and wholesale customers shall be treated as developers.

A utility may only charge a developer standby fees for unrecovered costs of facilities committed to a developer's property under the following circumstances:

- Under a contract and only in accordance with the terms of the contract; or
- if service is not being provided to a lot or lots within two years after installation of facilities necessary to provide service to the lots has been completed and if the standby fees are included on the utilities approved tariff after a rate change application has been filed. The fees cannot be billed to the developer or collected until the standby fees have been approved by the commission or executive director.
  for purposes of this section, a manufactured housing rental community can only be charged standby fees under a contract or if the utility installs the facilities necessary to provide individually metered service to each of the rental lots or spaces in the community.

SECTION 3.0 -- EXTENSION POLICY (Continued)

Section 3.04 - Appealing Connection Costs

The imposition of additional extension costs or charges as provided by Sections 3.0 - Extension Policy of this tariff shall be subject to appeal as provided in this tariff, PUC rules, or the rules of such other regulatory authority as may have jurisdiction over the utility's rates and services. Any applicant required to pay for any costs not specifically set forth in the rate schedule pages of this tariff shall be given a written explanation of such costs prior to payment and/or commencement of construction. If the applicant does not believe that these costs are reasonable or necessary, the applicant shall be informed of the right to appeal such costs to the PUC or such other regulatory authority having jurisdiction over the utility's rates in that portion of the utility's service area in which the applicant's property(ies) is located.

Section 3.05 - Applying for Service

The utility will provide a written service application form to the applicant for each request for service received by the utility's business offices. A separate application shall be required for each potential service location if more than one service connection is desired by any individual applicant. Service application forms will be available at the utility's business office during normal weekday business hours. Service applications will be sent by prepaid first class United States mail to the address provided by the applicant upon request. Completed applications should be returned by hand delivery in case there are questions which might delay fulfilling the service request. Completed service applications may be submitted by mail if hand delivery is not possible.

Where a new tap or service connection is required, the service applicant shall be required to submit a written service application and request that a tap be made. A diagram, map, plat, or written metes and bounds description of precisely where the applicant desires each tap or service connection is to be made and, if necessary, where the meter is to be installed, along the applicant's property line may also be required with the tap request. The actual point of connection and meter installation must be readily accessible to utility personnel for inspection, servicing, and meter reading while being reasonably secure from damage by vehicles and mowers. If the utility has more than one main adjacent to the service applicant's property, the tap or service connection will be made to the utility's nearest service main with adequate capacity to service the applicant's full potential service demand. Beyond the initial 200 feet, the customer shall bear only the equivalent cost of extending from the nearest main. If the tap or service connection cannot be made at the applicant's desired location, it will be made at another location mutually acceptable to the applicant and the utility. If no agreement on location can be made, the applicant may refer the matter to the PUC for resolution.

SECTION 3.0 -- EXTENSION POLICY (Continued)

Section 3.06 - Qualified Service Applicant

A "qualified service applicant" is an applicant who has: (1) met all of the utility's requirements for service contained in this tariff, PUC rules and/or PUC order, (2) has made payment or made arrangement for payment of tap fees, (3) has provided all easements and rights-of-way required to provide service to the requested location, (4) delivered an executed customer service inspection certificate to the utility, if applicable, and (5) has executed a customer service application for each location to which service is being requested.

The utility shall serve each qualified service applicant within its certified service area as soon as practical after receiving a completed service application. All service requests will be fulfilled within the time limits prescribed by PUC rules once the applicant has met all conditions precedent to achieving "qualified service applicant" status. If a service request cannot be fulfilled within the required period, the applicant shall be notified in writing of the delay, its cause and the anticipated date that service will be available. The PUC service dates shall not become applicable until the service applicant has met all conditions precedent to becoming a qualified service applicant as defined by PUC rules.

Section 3.07 - Developer Requirements

As a condition of service to a new subdivision, the utility shall require a developer (as defined by PUC rule) to provide permanent recorded public utility easements as a condition of service to any location within the developer's property.

APPENDIX A – DROUGHT CONTINGENCY PLAN
(Utility Must Attach TCEQ-Approved Plan)

DRAFT

DROUGHT CONTINGENCY PLAN FOR THE INVESTOR OWNED UTILITY

(Name of utility) MOORELAND WATER 1110006

(Date)

Section I: Declaration of Policy, Purpose, and Intent

In cases of extreme drought, periods of abnormally high usage, system contamination, or extended reduction in ability to supply water due to equipment failure, temporary restrictions may be instituted to limit non-essential water usage. The purpose of the Drought Contingency Plan is to encourage customer conservation in order to maintain supply, storage, or pressure or to comply with the requirements of a court, government agency or other authority.

Water restriction is not a legitimate alternative when the water system does not meet the Texas Natural Resource Conservation Commission's capacity requirements under normal conditions, nor when the utility fails to take all immediate and necessary steps to replace or repair malfunctioning equipment.

Section II: Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the _____ (*name of utility*) by means of _____ . *Describe one of the following methods used to inform the public about the preparation of the plan and provide opportunities for input; 1) scheduling and providing public notice of a public meeting to accept input on the Plan; 2) mailed survey with summary of results; 3) other method.*

Section III: Public Education

The Moorelend Water Co. (*name of utility*) will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of Leaflets (*describe methods to be used to provide periodic information to the public about the Plan; including for example, public meeting, press releases, or utility bill inserts*).

Section IV: Coordination with Regional Water Planning Groups

The service area of the Moorland Water Co. (*name of utility*) is located within the Brazos G (*name of regional water planning area or areas*) and Moorland (*name of utility*) has provided a copy of this Plan to the Brazos G (*name of regional water planning group or groups*).

Section V: Declaration

DECLARATION OF WATER RESTRICTION: When there is an acute water supply shortage to such an extent that normal use patterns can no longer be served, the utility may implement a water restriction program in the following manner.

Section VI: Notice Requirements

Written notice will be provided to each customer **prior to implementation or termination of each stage of the water restriction program.** Mailed notice must be given to each customer 72 hours prior to the start of water restriction. If notice is hand delivered, the utility cannot enforce the provisions of the plan for 24 hours after notice is provided. The written notice to customers will contain the following information:

a) the date restrictions will begin,
b) the circumstances that triggered the restrictions,
c) the stages of response and explanation of the restrictions to be implemented, and,
d) an explanation of the consequences for violations.

The utility must notify the TNRCC by telephone at (512) 239- 6020, or electronic mail at *watermon@tnrcc.state.tx.us* prior to implementing the program and must notify in writing the Public Drinking Water Section at MC - 155, P.O. Box 13087, Austin, Texas 78711-3087 within five (5) working days of implementation including a copy of the utility's restriction notice. The utility must file a status report of its restriction program with the TNRCC every 30 days that restriction continues.

Section VII: Violations

1. First violation - The customer will be notified by written notice of their specific violation.

2. Second violation - After written notice the utility may install a flow restricting device in the line to limit the amount of water which will pass through the meter in a 24 hour period. The utility may charge the customer for the actual cost of installing and removing the flow restricting device, not to exceed $50.00.

3. Subsequent violations - The utility may discontinue service at the meter for a period of seven (7) days, or until the end of the calendar month, whichever is LESS. The normal reconnect fee of the utility will apply for restoration of service.

Section VIII: Exemptions or Variances

The utility may grant any customer an exemption or variance from the drought contingency plan for good cause **upon written request**. A customer who is refused an exemption or variance may appeal such action of the utility by written appeal to the Texas Natural Resource Conservation Commission. The utility will treat all customers equally concerning exemptions and variances, and shall not discriminate in granting exemptions and variances. No exemption or variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

Section IX: Criteria for Initiation and Termination of Drought Response Stages

Unless there is an immediate and extreme reduction in water production, or other absolute necessity to declare an emergency or severe condition, the utility will initially declare Stage I restrictions. If, after a reasonable period of time, demand is not reduced enough to alleviate outages, reduce the risk of outages, or comply with restrictions required by a court, government agency or other authority, Stage II may be implemented with Stage III to follow if necessary.

STAGE I - VOLUNTARY WATER USE RESTRICTIONS:

Goal: Achieve a voluntary 2 or 2 day a week / 7 percent reduction in outside water use *(e.g., total water use, daily water demand, etc.).*

Supply Management Measures:
Every April 1st, the utility will mail a public announcement to its customers. This announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water. A copy of the current public announcement on water conservation awareness shall be kept on file available for inspection by the TNRCC.

Voluntary Water Use Restrictions:
Water customers are requested to voluntarily limit the use of water for non-essential purposes and to practice water conservation.

STAGE II - MILD WATER USE RESTRICTIONS:

Goal: Achieve a voluntary 3 or 3 days a week / 7 percent reduction in outside water use *(e.g., total water use, daily water demand, etc.).*

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses when storage is depleted to 1/4 tank (*describe triggering criteria; see examples below*).

Requirements for termination

Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 2 (*e.g., 3*) consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

Supply Management Measures:

Visually inspect lines and repair leaks on a daily basis.

Describe additional measures, if any, to be implemented directly by the utility to manage limited water supplies and/or reduce water demand. Examples include: reduced or discontinued flushing of water mains, activation and use of an alternative supply source(s); use of reclaimed water for non-potable purposes.

Voluntary Water Use Restrictions:

1. Restricted Hours: Outside watering is allowed daily, but only during periods specifically described in the customer notice; between 10:00 PM and 5:00 AM for example; **OR**
2. Restricted Days/Hours: Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m to midnight on designated watering days.

STAGE III - MODERATE WATER USE RESTRICTIONS:

Goal: Achieve a 1/2 (or every other day) percent reduction in outside water use (*e.g., total water use, daily water demand, etc.)*

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses when storage tank does not refill overnight (*describe triggering criteria; see examples below*).

Requirements for termination

Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 (*e.g., 3*) consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

Supply Management Measures:

Visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains. *Describe additional measures, if any, to be implemented directly by the utility to*

manage limited water supplies and/or reduce water demand. Examples include: activation and use of an alternative supply source(s); use of reclaimed water for non-potable purposes.

Water Use Restrictions: The following water use restrictions shall apply to all customers.

1. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems **shall be limited to Mondays for water customers with a street address beginning with the numbers 1, 2, or 3, Wednesdays for water customers with a street address beginning with the numbers 4, 5, or 6, and Fridays for water customers with a street address beginning with the numbers 7, 8, or 9.** Irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
3. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or "jacuzzi" type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.
5. Use of water from hydrants or flush valves shall be limited to maintaining public health, safety, and welfare.
6. Use of water for the irrigation of golf courses, parks, and green belt areas is prohibited except by hand held hose and only on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
7. The following uses of water are defined as non-essential and are prohibited:
    a. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
    b. use of water to wash down buildings or structures for purposes other than immediate fire protection;
    c. use of water for dust control;
    d. flushing gutters or permitting water to run or accumulate in any gutter or street; and

e. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

STAGE IV - CRITICAL WATER USE RESTRICTIONS:

Goal: Achieve a per customer limit in water usage equivalent to or below the winter months average per customer.

Requirements for initiation:
Customers shall be required to comply with the requirements and restrictions for Stage 4 when the utility determines that a water supply emergency exists based on:

1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; **or**
2. Natural or man-made contamination of the water supply source(s).

Requirements for termination :
Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of ≥ *(e.g., 3)* consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

Supply Management Measures:
The utility shall visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains and only between the hours of 9:00 p.m. and 3:00 a.m.. Emergency interconnects or alternative supply arrangements shall be initiated. All meters shall be read as often as necessary to insure compliance with this program for the benefit of all the customers. *Describe additional measures, if any, to be implemented directly to manage limited water supplies and/or reduce water demand.*

Water Use Restrictions: All outdoor use of water is prohibited.
1. Irrigation of landscaped areas is absolutely prohibited.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

Triggering Criteria EXAMPLES:

Following are examples of the types of triggering criteria that might be used in one or more successive stages of a drought contingency plan. One or a combination of such criteria must be defined for each drought response stage, but usually not all will apply. Select those appropriate to your system:

Example 1: *Annually, beginning on May 1 through September 30.*

Example 2: *When the water supply available to the _____ (name of water supplier) is equal to or less than _____ (acre-feet, percentage of storage, contract amount, etc.).*

Example 3: *When, pursuant to requirements specified in the _____(name of water supplier) wholesale water purchase contract with _____ (name of wholesale water supplier), notification is received requesting initiation of Stage 1 of the Drought Contingency Plan.*

Example 4: *When flows in the _____ (name of stream or river) are equal to or less than ____cubic feet per second.*

Example 5: *When the static water level in the _____ (name of water supplier) well(s) falls _____feet below normal.*

Example 6: *When the storage tank does not refill overnight, or as normal.*

Example 7: *When total daily water demand equals or exceeds _____ million gallons for ___consecutive days of ____ million gallons on a single day (e.g., based on the "safe" operating capacity of water supply facilities).*

Example 8: *When service pumps run continuously for more than_____hours.*

Example 9: *When rainfall is _____% less than normal.*

Example 10: *Catastrophic equipment failure.*

The public water supplier may devise other triggering criteria which are tailored to its system.

EXAMPLE						
DROUGHT STAGES	1	2	3	4	5	6
DROUGHT INDICATORS *	TRIGGER LEVELS **					
Supply-Based ***						
Well – static level m.s.l.	741	734	730	728	727	725
Well – overnight recovery rate	6'	4'	2'			
Reservoir Storage – elevation m.s.l. (*or* acre-feet, *or* %)	580	572	564	560	557	555
Stream Flow – cu.ft. at USGS gage # xxx	100	90	78	64	60	50
Supplier's drought stage	1		2	3		4
Calendar	Stage 1: April 1 to Sep 30					
Demand- or Capacity-Based						
Drinking Water Treatment as % of plant capacity		80	90	95	100	110
Treated Water Storage, overnight recovery as % of total	90	85		75		60
Total Daily Demand as % of pumping capacity		85	90	95	100	102
Pump Hours per day (with August average 13 hrs)	12	14	17	19	20	
Other Prod'n /Distrib'n Limitations (i.e. one pump down)			✔			
Contamination (well-head; 'bad water' encroachment)					✔	
Outage (equipment; power; flood; spill; fire)	Determined by duration & severity					

* Provide a brief explanation of the rationale for selecting each Drought Indicator, i.e. historical data on wells or streams, rated capacity of system components, etc.

** Examples are triggers to *initiate* each stage. Also identify triggers to *terminate* each stage, i.e., "specified conditions have not occurred for (3) consecutive days," or quantitative measures indicating a reversal of the conditions which triggered initiation.

*** At least one supply-based trigger must address "a repeat of the drought of record.