

Filing Receipt

Received - 2022-07-27 06:06:05 PM Control Number - 53075 ItemNumber - 673

## WATER UTILITY TARIFF FOR

William E. Vlasek, dba Mary Meade Water Company (Utility Name)

P.O. Box 326 (Business Address)

Hunt, Texas 78024 (City, State, Zip Code)

(830) 238-4877 (Area Code/Telephone)

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

## 11570

This tariff is effective in the following county(ies):

## <u>Kerr</u>

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

## **None**

This tariff is effective in the following subdivision or systems:

## See attached list

This tariff is effective in the following public water systems:

## See attached list

### 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):

SECTION 1.0 RATE SCHEDULE	2
SECTION 2.0 SERVICE RULES AND POLICIES	4
SECTION 3.0 EXTENSION POLICY	10
SECTION 4.0 DROUGHT CONTINGENCY PLAN	14

APPENDIX A -- SAMPLE SERVICE AGREEMENT APPENDIX B - APPLICATION FOR SERVICE

# William E. Vlasek dba Mary Meade Water Company LIST OF SUBDIVISIONS AND SYSTEMS

PWS NUMBER	SUBDIVISION	COUNTY
1330086 (Rustic Hills WSC)	Rustic Hills, Dakota Hills	Kerr
1330093 (Mary Mead Water System)	Mary Meade, South Fork Place	Kerr
1330136(Village West Water System)	Village West Industrial Park	Kerr

## SECTION 1.0 -- RATE SCHEDULE

## Section 1.01 - Rates

Meter Size	Monthly Minimum Charge	Gallonage Charge
5/8" or 3/4" 1" 1 ½" 2" 3"	\$27.50 (Includes 0 gallons) \$68.76 \$137.52 \$192.50 \$412.56	\$4.85 per 1000 gallons
Cash X , Check X , THE UTILITY MAY RE	The utility will accept the followin Money Order X, Credit Card QUIRE EXACT CHANGE FOR PAYMENTS AND MORE THAN \$1.00 IN SMALL COINS. A	_, Other (specify)  ID MAY REFUSE TO ACCEPT
	MENT E THE UTILITY TO COLLECT A FEE OF ON	
Section 1.02 - Miscella	neous Fees	
TAP FEE COVERS TI STANDARD RESIDENT	HE UTILITY'S COSTS FOR MATERIALS A TIAL 5/8" or 3/4" METER. AN ADDITION IF LISTED ON THIS TARIFF.	ND LABOR TO INSTALL A
TAP FEE (Unique costs FOR EXAMPLE, A ROAI AREAS.	) D BORE FOR CUSTOMERS OUTSIDE OF SUB	
TAP FEE (Large meter) TAP FEE IS THE UTI INSTALLED.	LITY'S ACTUAL COST FOR MATERIALS AN	
	EE Actual Relocation Cost, I RGED IF A CUSTOMER REQUESTS THAT AN	
THIS FEE WHICH SHO REQUESTS A SECOND	DULD REFLECT THE UTILITY'S COST MAY BE METER TEST WITHIN A TWO-YEAR PERIOD ECORDING ACCURATELY. THE FEE MAY NO	E CHARGED IF A CUSTOMER D AND THE TEST INDICATES

RATES LISTED ARE EFFECTIVE ONLY IF THIS PAGE HAS TCEQ APPROVAL STAMP

## 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): Non payment of bill (Maximum \$25.00)......\$25.00 Customer's request that service be disconnected ........... \$40.00 b) TRANSFER FEE......<u>\$35.00</u> THE TRANSFER FEE WILL BE CHARGED FOR CHANGING AN ACCOUNT NAME AT THE SAME SERVICE LOCATION WHEN THE SERVICE IS NOT DISCONNECTED TCEQ 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: WHEN AUTHORIZED IN WRITING BY TCEQ AND AFTER NOTICE TO CUSTOMERS, THE UTILITY MAY INCREASE RATES TO RECOVER INCREASED COSTS FOR INSPECTION FEES AND WATER TESTING. [30 TAC 291.21(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.

RATES LISTED ARE EFFECTIVE ONLY
IF THIS PAGE HAS TCEQ APPROVAL STAMP

TEXAS COMM. ON ENVIRONMENTAL QUALITY 36813-R, CCN 11570, JULY 21, 2011 APPROVED TARIFF BY

# William E. Vlasek dba Mary Meade Water Company LIST OF SUBDIVISIONS AND SYSTEMS

PWS NUMBER	SUBDIVISION	COUNTY
1330086 (Rustic Hills WSC)	Rustic Hills, Dakota Hills	Kerr
1330093 (Mary Mead Water System)	Mary Meade, South Fork Place	Kerr
1330136(Village West Water System)	Village West Industrial Park	Kerr

## SECTION 1.0 -- RATE SCHEDULE

## Section 1.01 - Rates

Meter Size	Monthly Minimum (Includes 0 ga	<del>-</del>	Gallonage Charge
5/8" or 3/4" 1" 1 ½" 2" 3"	\$ <u>27.50</u> \$ <u>68.76</u> \$ <u>137.53</u> \$ <u>220.05</u> \$ <u>412.59</u>	·	gallons to 9,000 gallons is from 9,001 thereafter
FORM OF PAYMENT: The Cash X , Check X , THE UTILITY MAY RECEPAYMENTS MADE USING GIVEN FOR CASH PAYMENTS	Money Order X, C QUIRE EXACT CHANGE NG MORE THAN \$1.00 I	the following forms of Credit Card, OF FOR PAYMENTS AND MAIN SMALL COINS. A WRI	ther (specify) AY REFUSE TO ACCEPT
REGULATORY ASSESSME TCEQ RULES REQUIRE MONTHLY BILL.	E THE UTILITY TO COL	LECT A FEE OF ONE PE	
Section 1.02 - Miscellane	ous Fees		
STANDARD RESIDENT	HE UTILITY'S COSTS	FOR MATERIALS AND I ER. AN ADDITIONAL F	LABOR TO INSTALL A
TAP FEE (Unique costs)  FOR EXAMPLE, A ROAL AREAS.	D BORE FOR CUSTOMER	S OUTSIDE OF SUBDIVIS	Actual Cost SIONS OR RESIDENTIAL
TAP FEE (Large meter)  TAP FEE IS THE UTIL  INSTALLED.	LITY'S ACTUAL COST F	OR MATERIALS AND LA	<u>Actual Cost</u> BOR FOR METER SIZE
METER RELOCATION FEE THIS FEE MAY BE CHA RELOCATED.		Relocation Cost, Not REQUESTS THAT AN EXIS	
REQUESTS A SECOND	OULD REFLECT THE UTIL METER TEST WITHIN A	LITY'S COST MAY BE CHA A TWO-YEAR PERIOD ANI Y. THE FEE MAY NOT EXC	ARGED IF A CUSTOMER DITHE TEST INDICATES

IF THIS PAGE HAS TCEQ APPROVAL STAMP

RATES LISTED ARE EFFECTIVE ONLY

## **Village West Water System only**

## 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):

- b) Customer's request that service be disconnected ...... \$40.00

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

## GOVERNMENTAL TESTING, INSPECTION AND COSTS SURCHARGE:

WHEN AUTHORIZED IN WRITING BY TCEQ AND AFTER NOTICE TO CUSTOMERS, THE UTILITY MAY INCREASE RATES TO RECOVER INCREASED COSTS FOR INSPECTION FEES AND WATER TESTING. [30 TAC 291.21(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.

RATES LISTED ARE EFFECTIVE ONLY
IF THIS PAGE HAS TCEQ APPROVAL STAMP

## SECTION 2.0 -- SERVICE RULES AND POLICIES

The utility will have the most current Texas Commission on Environmental Quality Rules (TCEQ), Chapter 291, Water Utility Regulation, 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 TCEQ 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 TCEO 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.

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 TCEQ 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 30 TAC 291.86(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 2.04 - 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 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 2.07 - 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 §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 Section 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 2.08 - 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

## 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.

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 TCEQ 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.

(D) <u>Prorated Bills</u> - 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 TCEQ Rules.

## (B) Without Notice

Utility service may also be disconnected without notice for reasons as described in the TCEQ Rules.

## 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 Commission, 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 the TCEQ complaint process. Pending resolution of a complaint, the commission may require continuation or restoration of service.

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 TCEQ rules and policies, and upon extension of the Utility's certified service area boundaries by the TCEQ.

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 TCEQ rules and policies, and upon extension of the Utility's certificated service area boundaries by the TCEQ.

## 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.

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's Executive Director, 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.

## SECTION 3.0 -- EXTENSION POLICY (Continued)

Exceptions may be granted by the TCEQ Executive Director 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, 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.

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.

## SECTION 3.0 -- EXTENSION POLICY (Continued)

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 30 TAC 291.86(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 prorata charge for facilities which must be committed to such extension compliant with the TCEQ minimum design criteria. As provided by 30 TAC 291.85(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
  utility's 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 3.04 - 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, TCEQ 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 TCEQ 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.

## SECTION 3.0 -- EXTENSION POLICY (Continued)

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 TCEQ for resolution.

## 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, TCEQ rules and/or TCEQ 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 TCEQ 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 TCEQ service dates shall not become applicable until the service applicant has met all conditions precedent to becoming a qualified service applicant as defined by TCEQ rules.

## Section 3.07 - Developer Requirements

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

William E. Vlasek dba
Mary Meade Water Company

SECTION 4.0 -- DROUGHT CONTINGENCY PLAN (Utility must attach copy of TCEQ approved Drought Contingency Plan)

## APPENDIX A -- SAMPLE SERVICE AGREEMENT From 30 T.A.C. Chapter 290.47(b), Appendix B SERVICE AGREEMENT

- 1. PURPOSE. The MARY MEADE WATER COMPANY is responsible for protecting the drinking water supply from contamination or pollution which could result from improper private water distribution system construction or configuration. The purpose of this service agreement is to notify each customer of the restrictions which are in place to provide this protection. The utility enforces these restrictions to ensure the public health and welfare. Each customer must sign this agreement before the MARY MEADE WATER COMPANY will begin service. In addition, when service to an existing connection has been suspended or terminated, the water system will not re-establish service unless it has a signed copy of this agreement.
- II. RESTRICTIONS. The following unacceptable practices are prohibited by State regulations.
  - A. No direct connection between the public drinking water supply and a potential source of contamination is permitted. Potential sources of contamination shall be isolated from the public water system by an air-gap or an appropriate backflow prevention device.
  - B. No cross-connection between the public drinking water supply and a private water system is permitted. These potential threats to the public drinking water supply shall be eliminated at the service connection by the installation of an air-gap or a reduced pressure-zone backflow prevention device.
  - C. No connection which allows water to be returned to the public drinking water supply is permitted.
  - D. No pipe or pipe fitting which contains more than 8.0% lead may be used for the installation or repair of plumbing at any connection which provides water for human use.
  - E. No solder or flux which contains more than 0.2% lead can be used for the installation or repair of plumbing at any connection which provides water for human use.
- III. SERVICE AGREEMENT. The following are the terms of the service agreement between the MARY MEADE WATER COMPANY (the Water System) and NAME OF CUSTOMER (the Customer).
  - A. The Water System will maintain a copy of this agreement as long as the Customer and/or the premises is connected to the Water System.
  - B. The Customer shall allow his property to be inspected for possible cross-connections and other potential contamination hazards. These inspections shall be conducted by the Water System or its designated agent prior to initiating new water service; when there is reason to believe that cross-connections or other potential contamination hazards exist; or after any major changes to the private water distribution facilities. The inspections shall be conducted during the Water System's normal business hours.
  - C. The Water System shall notify the Customer in writing of any cross-connection or other potential contamination hazard which has been identified during the initial inspection or the periodic reinspection.
  - D. The Customer shall immediately remove or adequately isolate any potential cross-connections or other potential contamination hazards on his premises.
  - E. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by the Water System. Copies of all testing and maintenance records shall be provided to the Water System.
- IV. ENFORCEMENT. If the Customer fails to comply with the terms of the Service Agreement, the Water System shall, at its option, either terminate service or properly install, test, and maintain an appropriate backflow prevention device at the service connection. Any expenses associated with the enforcement of this agreement shall be billed to the Customer.

CUSTOMER'S SIGNATURE:	 	
DATE:		

# APPENDIX B -- APPLICATION FOR SERVICE (Utility Must Attach Blank Copy)

## VLASEK PUMP COMPANY

W. E. Vlasek
P.O. Box 326
Hunt, TX 78024
Ph. 830-238-4877 - Fax 830-367-1347
Licensed, Bonded & Insured

August 2, 2010

TO: TCEQ

Conservation Team, ATTN: Kristen Wang

PO Box 13087, MC-160 Austin, TX 78711-3087

FROM: Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System

RE: Drought Contingency Plan

Please find enclosed our revised Drought Contingency Plan. This plan is to replace any previous versions you might have on file for us. If you would prefer to have this Plan digitally, please contact me with an email address. There are five signature pages, one for each PWS.

Thank you for your attention to this matter.

Karen Hux Office Manager

karenv@hctc.net

WATER SOFTAW Wester Strain

TEXAS COMM. ON ENVIRONMENTAL QUALITY

A DAN 1 157 D A- 00 10

APPROVED TARIFF BY SPSP

# DROUGHT CONTINGENCY PLAN FOR

## **CCN 12685**

Canyon Springs Water Works (PWS 1330006) Shalako Water Supply (PWS 1330119) &

## **CCN 11570**

Mary Meade Water System (PWS 1330093) Rustic Hills WSC (PWS 1330086) Village West Water System (PWS 1330136)

> PO Box 326 Hunt, TX 78024 **Revised 2010**

## Section 1 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.

Headwaters Groundwater Conservation District was created by the Texas Legislature and has been granted the authority to manage the use of groundwater in Kerr County. Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System, all Public Water Systems are all located within the boundaries of Kerr County and therefore are subject to the policies of Headwaers Groundwater Conservation District (HGCD), including the HGCD Drought Contingency Plan (Rev. 2008). Customers of Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System are referred to this document for an in depth explanation of the necessary conditions and corresponding courses of action for each level or stage of groundwater use restriction.

This Drought Contingency Plan for Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System expands upon the parent Plan from HGCD.

**Please note:** Water restriction is not a legitimate alternative if a water system does not meet the Texas Commission on Environmental Quality's (TCEQ) capacity requirements under normal conditions **or** if the utility fails to take all immediate and necessary steps to replace or repair malfunctioning equipment.

I <u>W. E. Vlasek</u>, being the responsible official for <u>Canyon Springs Water Works</u>, <u>Shalako Water Supply</u>, <u>Mary Meade Water System</u>, <u>Rustic Hills WSC</u>, and <u>Village West Water System</u> request a minor tariff amendment to include the enclosed Drought Contingency Plan.

ъ ф.

(Sinnatura)

(Date)

TEXAS COMM, ON ENVIRONMENTAL QUALITY

DEPT 1570 ANG 09 10

APPROVED TARIFF BY

DCP rev 2010

Page 1 of 20

Section 2	Public Involvement		
* *	or the public to provide inpone of the following)	out into the preparation of t	he Plan was provided by:
scheduling c	and providing public notice	of a public meeting to accep	ot input on the Plan.
The mo	eeting took place at:		
	Date	Time:	Location:
☐ mailed surve	ey with summary of results	(attach survey and results)	
☐ bill insert in	viting comment (attach bill	insert)	
☐ other metho	d posting on website	e: www.vlasekpump.com	
Section 3	Public Education		
and Village `information ab	West Water System) w	ill periodically provide the which each stage of the P	ply, Mary Meade Water System, Rustic Hills WSC public with information about the Plan, including an is to be initiated or terminated and the drough
• ,	nformation will be provide one of the following)	ed by:	
□ pu	blic meeting		
□ pr	ess releases		
□ ut	ility bill inserts		
□ of	her posting on websit	te: www.vlasekpump.com	
Section 4	Coordination with Reg	gional Water Planning Gro	ups (RWPG)
WSC, and Vil Upon approve	lage West Water System al, copies of this Drought	n is located within RWPG 』	r Supply, Mary Meade Water System, Rustic Hills , the Plateau Regional Planning Area. Drwarded to the RWPG Region "J"w, HGCD and lows:
Region "J"		HGCD	Texas Water Development Board
Kerr County		125 Lehman Dr, Ste 103	•
700 Main Stre Kerrville, TX 7		Kerrville, TX 78028	Attn: Executive Administrator PO Box 13231
jletz@co.kerr			Austin TX 78711-3231

TEXAS COMM ON ENVIRONMENTAL QUALITY

CON 11570 AUG 09 40 APPROVED TARIFF BY SPSP

#### Authorization and Application to Implement the Plan Section 5:

The OWNER of Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System, or his/her designee is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that normal use patterns are causing water supply shortages and that such implementation is necessary to protect public health, safety, and welfare.

The provisions of this Plan shall apply to all persons, customers, and property utilizing potable water provided by the Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnership, association and all other legal entities that use water supplied by Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System.

#### Section 6: **Definitions**

For the purposes of this Plan, the following definitions shall apply:

Applicable regulatory authority: to include, but not limited to the HGCD (Headwaters Groundwater Conservation District), the TCEQ (Texas Commission on Environmental Quality).

Aesthetic Water Use: Water use for ornamental or decorative purposes such as fountains, reflecting pools and water gardens.

Commercial and institutional water use: Water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels, restaurants and office buildings.

Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Essential water use: the nondiscretionary use of potable water; a) for the protection of public and personal health, safety, and welfare, such as drinking, bathing, heating, cooking, sanitizing, and cleaning; or b) for the production of an industrial or commercial operation; or c) domestic or livestock use.

GPD: Gallons per Day

HGCD: Headwater Groundwater Conservation District, a groundwater district created by Texas Legislature and having authority to manage the use of groundwater in Kerr County.

Industrial Water Use: The use of water in processes designed to convert materials of lower value into forms of having greater usability and value.

Landscape Irrigation Use: Water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and right-of-way and medians.

Non-essential water use: discretionary uses of potable water that are not essential for the protection of personal and public health, safety, and welfare. Non-essential water use includes:

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under the Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle.
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- use of water to wash down buildings or structured for purposes other than immediate fire protection;
- flushing gutters or permitting water to run or accumulate in any gutter or street;
- use of water to fill, refill, or add to any indoor or of the company of the course of water to fill, refill, or add to any indoor or of the course of water to fill, refill, or add to any indoor or of the course o

CON 11570 AUG 093880
APPROVED TARIFF BY SPAP

- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak (s) within reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than fire fighting.
- (i) Wasteful, as defined by Texas Water Code, Chapter 36, water uses.

<u>Potable water:</u> water-having quality that meets or exceeds TCEQ Public Drinking Water Standards, (30 TAC Chapter 290)

Public Water System: As defined under 30 TAC Subchapter D Paragraph 290.38(41) September 2000.

Waste: As defined in Water Code Chapter 36.001.8.

## Section 7 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 the 24 hours after the notice is provided. The written notice to customers will contain the following information:

- 1. the date restrictions will begin,
- 2. the circumstances that triggered the restrictions,
- 3. the stages of response and explanation of the restrictions to be implemented, and,
- 4. an explanation of the consequences for violations.

See Appendix A for specific Notices.

The utility must notify the TCEQ by telephone at (512) 239-4691, or electronic mail at wras@tceq.state.tx.us\_prior to implementing Stage III and must notify in writing the Public Drinking Water Section at MC - 153, 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 TCEQ at the initiation and termination of mandatory water use restrictions (i.e., Stages III and IV).

## Section 8: Triggering Criteria for Initiation and Termination of Drought Response Stages

The Owner or his designee will be notified by The President of Headwaters GCD or his/her designee when conditions warrant initiation or termination of each stage of the plan. The plan consist of four (4) levels of Drought Stages with corresponding groundwater restrictions as defined herein.

### **Drought Trigger Indices:**

Initiation of Drought Stages will be triggered based on the average water level in 4 selected monitor wells, (Stonehenge, HGCD MW #11 Middle Trinity, County Agriculture Barn, and HGCD MW #7 Middle Trinity) added to the least restrictive of either the Palmer Drought Severity Index (PDSI), or the Guadalupe River Flow Rate at Kerrville.

Supply Limitation (Drought) Stages are attained by accumulating the following points:

	STAGE I N	Aild Drought		1 point	
	STAGE II M	oderate Drought		2 points	
STAGE III	Serve Drought		3 points		
STAGE IV	Extreme Drought		4 points		

TEXAS COMM ON ENVIRONMENTAL QUALITY

CON 11570 AUG 09 JC
APPROVED TARIFF BY SPSP

DCP rev 2010

Page 4 of 20

# 4 Monitor Well Levels Averaged ← The least restrictive →

.

The Palmer Drought Severity Index

OR

The Guadalupe River Flow Rate at Kerrville

Points for Initiation and Termination of Drought Stages

## **Drought Triggering Points Schedule**

The Four Drought Point Indices and Stages Are:

1 point = Stage 1 Mild Drought
2 points = Stage 2 Moderate Drought
3 points = Stage 3 Severe Drought
4 points = Stage 4 Extreme Drought

## **Drought Triggering Points Schedule**

AQUIFER INDEX LEVEL	POINTS
1410 feet	1/2
1380 feet	1
1360 feet	11/2
1340 feet	2

PDSI	POINTS
-0 to -2	1/2
-2 to -3	1
-3 to -4	11/2
=4 or less	2

RIVER FLOW CFS	POINTS	
Below 50	1/2	
Below 40	1	
Below 30	11/2	
Below 20	TEXAS COMMZON ENAIRONME	MINTOPELLA

CCN 11570 AUG 09 40

APPROVED TARIFF BY

## Section 9 Violations

- (a) No person shall knowingly or intentionally allow the use of water supplied by Canyon Springs Water Works, Shaiako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System for any purpose contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the OWNER or his designee, in accordance with provisions of this Plan.
- (b) Upon determination by the OWNER or his designee of being non-compliant with this plan, the person or violator will be notified by mail of one of the following enforcement actions:
  - i. First violation; customer(s) will receive notice of the non-compliant actions, the necessary corrective measure and consequences of future violation of this Plan.
  - ii. Second violation; customer(s) will receive a notice of the non-compliant actions, to include the date that Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System will install a flow restricting device at the meter and invoice the violator for a meter service fee of \$50.00, or
    - a. Third and subsequent violation(s); customer(s) will receive a notice within 5 days that water service will de discontinued for a period of seven (7) days.

## Section 10 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 in writing to the Texas Commission on Environmental Quality. 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.

The OWNER or his designee, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variances would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are me:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Plan shall file a written request for variance with Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, or Village West Water System within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall show good cause to be granted by the OWNER or his designee, and shall include the following:

- (a) name and physical address of the petitioner(s);
- (b) purpose of water use;
- (c) specific provision(s) of the Plan from which the petitioner is requesting relief;
- (d) detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with the Ordinance.
- (e) description of the relief requested;
- (f) period of time for which the variance is sought;
- (g) alternate water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date;

  TEXAS COMM. ON ENVIRONMENTAL COALITY
- (h) and other pertinent information.

CCN 11570 AUG 09.10

APPROVED TARIFF BY SPISE

Variances granted by Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, or Village West Water System shall be subject to the following conditions, unless waived or modified by the OWNER or his designee

- (a) Variances granted shall include a timetable for compliance.
- (b) Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

#### Section 11 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 – Mild Drought Conditions / Customer Awareness

Target: Achieve a 10% reduction (or that percent regulated by the applicable regulatory authority, whichever is greater) in the utility's total water production.

Stage I will begin upon notification from HGCD. Each water system will notify its customers by mail and posting on www.vlasekpump.com according to Section 7 of this plan. Similarly, upon notification from HGCD to terminate Stage I restrictions each water system will notify its customers by mail and posting on www.vlasekpump.com according to Section 7 of this plan.

See Appendix A for specific Notice.

## No notice to TCEQ is required.

## **Utility Measures:**

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 and available for inspection by the TCEQ.

### **Voluntary Water Use Restrictions:**

Water customers are requested to voluntarily limit the use of water for non-essential purposes and to practice water conservation. Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System, as part of an on-going water conservation education program will present their customers with a comprehensive list of water saving measures.

### **Enforcement Actions:**

There are no enforcement actions for Stage I because it is a voluntary action.

## STAGE II - Moderate Drought Conditions / Voluntary Water conservation

Target: Achieve a 20% reduction (or that percent regulated by the applicable regulatory authority, whichever is greater) in the utility's total water production.

Stage II will begin upon notification from HGCD. Each water system will notify its customers by mail and posting on www.vlasekpump.com according to Section 7 of this plan to comply with Stage II voluntary restrictions on certain non-essential uses of water. Similarly, upon notification from HGCD to terminate Stage Il restrictions each water system will notify Tisk to formal wind posting on www.vlasekpump.com

according to Section 7 of this plan.

See Appendix A for specific Notice.

### Requirements for Termination:

Stage II of the Plan may end when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage II, Stage I becomes operative.

### No notice to TCEQ is required.

## **Utility Measures:**

The water utilities will visually inspect lines and repair leaks on a daily basis; perform a monthly review of customer use records and follow-up on any that have unusually high usage; record and evaluate well production on a weekly basis.

## **Voluntary Water Use Restrictions:**

Specific ways to reduce water use will be outlined in the notice sent to customers. This will include designated landscape watering hours and methods as well as a list of prohibited non-essential water uses.

### **Enforcement Actions:**

Restricting service through the meter and discontinuing service are possible actions.

## STAGE III - Severe Drought / Mandatory Water Use Restrictions

<u>Target:</u> Achieve a 30% reduction (or that percent regulated by the applicable regulatory authority, whichever is greater) in the utility's total water production.

Stage III will begin upon notification from HGCD. Each water system will notify its customers by mail and posting on <a href="https://www.vlasekpump.com">www.vlasekpump.com</a> according to Section 7 of this plan to comply with Stage III voluntary restrictions on certain non-essential uses of water. Similarly, upon notification from HGCD to terminate Stage III restrictions each water system will notify its customers by mail and posting on <a href="https://www.vlasekpump.com">www.vlasekpump.com</a> according to Section 7 of this plan.

See Appendix A for specific Notice.

## Notice to TCEQ is required.

### Requirements for Termination:

Stage III of the Plan may end when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days. Upon termination of Stage III, Stage II becomes operative.

### **Utility Measures:**

The water utilities will visually inspect lines and repair leaks on a daily basis; perform a monthly review of customer use records and follow-up on any that have unusually high usage; record and evaluate well production on a weekly basis.

### Mandatory Water Use Restrictions:

CCN 11570 AUG 09.10

1 1-1

### **Enforcement Actions:**

Restricting service through the meter and discontinuing service are possible actions.

## STAGE IV - Extreme Drought / Critical Water Restrictions

<u>Target:</u> Achieve a 40% reduction (or that percent regulated by the applicable regulatory authority, whichever is greater) in the utility's total water production.

Stage IV will begin upon notification from HGCD. Each water system will notify its customers by mail and posting on <a href="www.vlasekpump.com">www.vlasekpump.com</a> according to Section 7 of this plan to comply with Stage IV voluntary restrictions on certain non-essential uses of water. Similarly, upon notification from HGCD to terminate Stage IV restrictions each water system will notify its customers by mail and posting on <a href="www.vlasekpump.com">www.vlasekpump.com</a> according to Section 7 of this plan.

See Appendix A for specific Notice.

### Notice to TCEQ is required.

### Requirements for Termination:

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

### **Operational Measures:**

The utility shall visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains and as required by TCEQ regulations after leak repairs. Flushing can be 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.

Mandatory Water Use Restrictions: (all outdoor use of water is prohibited)

Specific prohibitions will be outlined in the notice sent to customers. Applications for new, additional, expanded, or increase-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind will be considered only if public health, safety, and welfare necessitate the expanded use.

### **Enforcement Actions:**

Restricting service through the meter and discontinuing service are possible actions.

### SYSTEM OUTAGE or SUPPLY CONTAMINATION

Notify TCEQ Regional Office immediately.

### Section 12: Severability

It is hereby declared to be the intention of Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System that the sections, paragraphs, sentences, clauses, and phrases of this Plan are severable and, if any phrase, clause, sentence, paragraph, or section of this Plan shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this Plan, since the same would not have been enacted by Canyon Springs Water Works, Shalako Water Supply, Mary

CCN 11570 AUG 09 10
Page 9 of 20
APPROVED TARIFF BY SP SP

4

Meade Water System, Rustic Hills WSC, and Village West Water System without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph, or section.

## Section 13: Act of God or Terrorism:

In the event of an act of God or terrorism, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System will comply with any and all State and/or Government agencies through the duration of the 'act'; to ensure the quantity and quality of water for its customers.

TEXAS COMM. ON ENVIRONMENTAL QUALITY

CCN 11570 AUG 09 10
APPROVED TARIFF BY SPACE POS

## **APPENDIX A**

## **Notices of Water Use Restrictions**

## **FOR**

## **CCN 12685**

Canyon Springs Water Works (PWS 1330006) Shalako Water Supply (PWS 1330119)

## CCN 11570

Mary Meade Water System (PWS 1330093) Rustic Hills WSC (PWS 1330086) Village West Water System (PWS 1330136)

> PO Box 326 Hunt, TX 78024 Revised 2010

> > TEXAS COMM. ON ENVIRONMENTAL GUALITY

CON 11570 AUG 09 10

APPROVED TARIFF BY

4-4

## NOTICE OF WATER USE RESTRICTIONS STAGE I

For Customers of:

## **CCN 12685**

Canyon Springs Water Works (PWS 1330006), Shalako Water Supply (PWS 1330119)

&

## **CCN 11570**

Mary Meade Water System (PWS 1330093), Rustic Hills WSC (PWS 1330086), Village West Water System (PWS 1330136)

Due to declining water supplies, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System request your sincere efforts, beginning on to voluntarily limit water usage resulting in a 10% reduction in your normal use.

**RESTRICTIONS:** Customers are requested to voluntarily limit the irrigation of landscaped areas including parks, athletic fields, and golf courses to the hours between 8:00 pm and 10:00 am to reduce water losses due to evaporation.

Additionally, the following uses of water are defined as non-essential and are prohibited:

- Washing down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas
- Washing down buildings or structures for purposes other than immediate fire protection
- Failure to repair a controllable leak within a reasonable period after having been given notice directing the repair of such a leak
- Pumping of water (from groundwater sources) into ponds, lakes or reservoirs for the purpose of enhancing the appearance of the landscape
- Washing motor vehicle, motorbike, boat, trailer, airplane or other vehicle other than a public safety vehicle on a premise other than a commercial car wash or service station
- Flushing gutters or permitting water to run or accumulate in any gutter or street.
- Using water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life.
- Using water from hydrants for construction purposes or any purposes other than fire protection

**TERMINATION:** You will be notified on your monthly bill of the termination of these restrictions. Termination will also be posted on <a href="https://www.vlasekpump.com">www.vlasekpump.com</a>

Thank you for your assistance. Please contact us if you have any questions.

TEXAS COMM ON ENVIRONMENTAL GUALITY

CCN 11570 AUG 09.10

APPROVED TARIFF BY

# NOTICE OF WATER USE RESTRICTIONS STAGE II

For Customers of:

## CCN 12685

Canyon Springs Water Works (PWS 1330006), Shalako Water Supply (PWS 1330119)

&

## **CCN 11570**

Mary Meade Water System (PWS 1330093), Rustic Hills WSC (PWS 1330086), Village West Water System (PWS 1330136)

Due to continued declining water supplies, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System, beginning on \_\_\_\_\_\_ require your sincere efforts to reduce your water use, resulting in a 20% reduction in your normal usage. This is a mandatory restriction of your water use.

**RESTRICTIONS:** Customers are required to limit the irrigation of landscaped areas including parks, athletic fields, and golf courses to the hours between 8:00 pm and 10:00 am to reduce water losses due to evaporation. In addition, watering should be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of automatic sprinkle systems and hose-end sprinklers are prohibited at all times. Athletic fields should abide by the same watering hours; however, they are allowed the use of irrigation systems for watering.

Additionally, the following uses of water are defined as non-essential and are prohibited:

- Washing down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas
- Washing down buildings or structures for purposes other than immediate fire protection
- Failure to repair a controllable leak within a reasonable period after having been given notice directing the repair of such a leak
- Pumping of water (from groundwater sources) into ponds, lakes or reservoirs for the purpose of enhancing the appearance of the landscape
- Washing motor vehicle, motorbike, boat, trailer, airplane or other vehicle other than a public safety vehicle
  on a premise other than a commercial car wash or service station
- Flushing gutters or permitting water to run or accumulate in any gutter or street.
- Using water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life.
- Using water from hydrants for construction purposes or any purposes other than fire protection

**TERMINATION:** You will be notified on your monthly bill of the termination of these restrictions. Termination will also be posted on <a href="https://www.vlasekpump.com">www.vlasekpump.com</a>

ENFORCEMENT ACTIONS: Restricting service through the meter and discontinuing service are possible.

Thank you for your assistance. Please contact us if you have any questions.

TEXAS COMM ON ENVIRONMENTAL GUALITY

CCN 11570 AUG 09 10

APPROVED TAR:FF 5Y-

# NOTICE OF WATER USE RESTRICTIONS STAGE III

For Customers of:

## CCN 12685

Canyon Springs Water Works (PWS 1330006), Shalako Water Supply (PWS 1330119)

&

## CCN 11570

Mary Meade Water System (PWS 1330093), Rustic Hills WSC (PWS 1330086), Village West Water System (PWS 1330136)

Due to continued declining water supplies, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System, beginning on \_\_\_\_\_\_ requires all customers to comply with the following restrictions of water use, resulting in a 30% reduction in your normal usage. This is a mandatory restriction of your water use.

**RESTRICTIONS:** Customers are required to limit the irrigation of landscaped areas including parks, athletic fields, and golf courses to the hours between 8:00 pm and 10:00 am to reduce water losses due to evaporation. In addition, watering should be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of automatic sprinkle systems and hose-end sprinklers are prohibited at all times. Athletic fields should abide by the same watering hours; however, they are allowed the use of irrigation systems for watering.

Additionally, the following uses of water are defined as non-essential and are prohibited:

- Washing down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas
- Washing down buildings or structures for purposes other than immediate fire protection
- Failure to repair a controllable leak within a reasonable period after having been given notice directing the repair of such a leak
- Pumping of water (from groundwater sources) into ponds, lakes or reservoirs for the purpose of enhancing the appearance of the landscape
- Washing motor vehicle, motorbike, boat, trailer, airplane or other vehicle other than a public safety vehicle
  on a premise other than a commercial car wash or service station
- Flushing gutters or permitting water to run or accumulate in any gutter or street.
- Using water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life.
- Using water from hydrants for construction purposes or any purposes other than fire protection
- Filling, refilling or adding to any indoor or outdoor swimming pool or Jacuzzi type pool

**TERMINATION:** You will be notified on your monthly bill of the termination of these restrictions. Termination will also be posted on www.viasekpump.com

ENFORCEMENT ACTIONS: Restricting service through the meter and discontinuing service are possible.

Thank you for your assistance. Please contact us if you have any questions.

TEXAS COMM. ON ENVIRONMENTAL OCIALITY

CCN 11570 AUG 09 10

APPROVED TAPIFF BY

DCP rev 2010 Page 14 of 20

# NOTICE OF WATER USE RESTRICTIONS STAGE IV

For Customers of:

## **CCN 12685**

Canyon Springs Water Works (PWS 1330006), Shalako Water Supply (PWS 1330119)

&

## CCN 11570

Mary Meade Water System (PWS 1330093), Rustic Hills WSC (PWS 1330086), Village West Water System (PWS 1330136)

Due to continued declining water supplies, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System, beginning on \_\_\_\_\_\_ requires all customers to comply with the following restrictions of water use, resulting in a 40% reduction in your normal usage. This is a mandatory restriction of your water use.

**RESTRICTIONS:** Customers are required to limit the irrigation of landscaped areas including parks, athletic fields, and golf courses to the following designated days:

- Sundays and Thursdays for customers with street address ending in an even number (0, 2, 4, 6 or 8)
  and limited to the hours between 8:00 pm and 12:00 midnight and 6:00 am 10:00 am in order to reduce
  water losses due to evaporation.
- Saturdays and Wednesdays for customers with street address ending in an odd number (1, 3, 5, 7, or 9);
   and limited to the hours between 8:00 pm and 12:00 midnight and 6:00 am 10:00 am in order to reduce water losses due to evaporation.

In addition, watering should be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of automatic sprinkle systems and hose-end sprinklers are prohibited at all times. Athletic fields should abide by the same watering hours; however, they are allowed the use of irrigation systems for watering.

Additionally, the following uses of water are defined as non-essential and are prohibited:

- Washing down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas
- Washing down buildings or structures for purposes other than immediate fire protection
- Failure to repair a controllable leak within a reasonable period after having been given notice directing the repair of such a leak
- Pumping of water (from groundwater sources) into ponds, lakes or reservoirs for the purpose of enhancing the appearance of the landscape
- Washing motor vehicle, motorbike, boat, trailer, airplane or other vehicle other than a public safety vehicle
  on a premise other than a commercial car wash or service station
- Flushing gutters or permitting water to run or accumulate in any gutter or street.
- Using water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life.
- Using water from hydrants for construction purposes or any purposes other than fire protection
- Filling, refilling or adding to any indoor or outdoor swimming pool or Jacuzzi type pool
- No applications for new, additional, expanded or increased-in-size water service connections, meters, service lines, pipeline extensions, mains or water service facilities of any kind will be approved or installed.

**TERMINATION:** You will be notified on your monthly bill of the termination of these restrictions. Termination will also be posted on <a href="https://www.viasekpump.com">www.viasekpump.com</a>

ENFORCEMENT ACTIONS: Restricting service through the meter and discontinuing service are possible.

TEXAS COMM. ON ENVIRONMENTAL COLD TY

Thank you for your assistance. Please contact us if you have any questions.

CCN 115 70 116 09 10

Page 15 of 20

**DCP rev 2010** 

## WATER CONSERVATION PLAN

### 1. INTRODUCTION

William E Vlasek, dba Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System became an owner/operator of public water systems in 1979.

CCN #12685 currently includes 2 individual Public Water Systems in Kerr County, Texas serving approximately 218 customers. CCN 11570 includes 3 Public Water Systems serving approximately 135 customers.

The source of water for all systems is groundwater, predominately produced from the Trinity Aquifers.

The Water Conservation Plan involves the conscientious utilization of a limited resource, while the Drought Contingency Plan specifies curtailment of usage during periods of emergency conditions and limited supplies.

The purpose of the water conservation plan is a continual implementation and practice of the most efficient use of the available water resources. This plan attempts to describe the methods and means by which water conservation is to be achieved. The various methods are employed throughout the year regardless of water demand.

### 2. GOALS

The goals of this plan are based on improving the performance of the past and to establish an effective educational program with available materials that will promote the various practices of water conservation, conscientious use and reuse of available water supplies.

## 3. CUSTOMER EDUCATION AND INFORMATION PROGRAM

Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System will promote water conservation by informing customers of ways to conserve water, primarily through identifying non-essential uses. The following are examples of programs that will be utilized:

- a. Each current customer will receive notification through billing the availability of a copy of the approved Water Conservation Plan and the approved Drought Contingency Plan at <a href="www.vlasekpump.com">www.vlasekpump.com</a> or may contact the office for a paper copy and new customers' will receive upon application for water service.
- **b.** Annually and upon declaration of Stage I drought, customers will receive a notice in their billing to view 'Water Saving Ideas' (Appendix B), located at <a href="https://www.vlasekpump.com">www.vlasekpump.com</a> or they may request a paper copy by contacting the office.
- c. Customers using unusually high volumes of water between months will be notified and requested to perform a water audit in and outside their home.

### 4. UNIVERSAL METERING ANDMETER TESTING PROGRAM

Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System are required by Rule to meter each customer and supply source (each well). Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System do not supply unmetered water for public or related purposes.

Positive Displacement or Compound type meters, meeting AWWA public water supply accuracy standards, are used by Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System.

Meters suspected of being inaccurate are planned to be replaced. Proper operation of each meter is ensured by approved testing standards. All meters having an error of > or < 10 % GPM will replaced.

### 5. UNCCCOUNTED WATER LOSS AUDITS AND LEAK DETECTION

Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System have implemented an UNACCOUNTED/WATER LOSS PROGRAM, to better manage water usage:

TEXAS COMM ON ENVIRONMENTAL O ALITY

11.64

CCN 11570 40609 10

Page 17 of 20

DCP rev 2010

ADDONIED TARIEF BY.

- a. Monthly and annual review of unaccounted water will be performed to include well production in relation to metered usage.
- b. Monthly (or sooner upon suspicion of leaks), operators will inspect water lines.

### 6. PLAN IMPLEMENTATION AND ENFORCEMENT

The plan is adopted by the Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System. The Owner and/or his staff will oversee the execution and implementation of all elements of the plan.

Conservation of limited supplies is addressed in Section 11 and is enforced by provisions of the Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System Drought Contingency Plan adopted as such and <u>pending approval by TCEQ</u>.

This plan and appropriate records are available to the public for evaluating the effectiveness of this water conservation plan.

### 7. PERIODIC PLAN REVIEW

The Owner of Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System or his staff shall, annually review, update and revise this plan prior to publishing and posting it for review at <a href="https://www.vlasekpump.com">www.vlasekpump.com</a>.

8. COORDINATION WITH GROUNDWATER DISTRICTS AND APPROPRIATE REGIONAL WATER PLANS
Regional Planning Group "J" (Plateau) will receive a copy of this Plan for their consideration in developing Regional Water Conservation Plans. If necessary, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System will revise this plan to comply with provisions of the Regional Plans.

Applicable Groundwater Conservation Districts (created by legislative act or by Chapter 35, Texas Water Code) HGCD, will receive a copy of this plan annually. If necessary, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System. will revise this plan to comply with provisions of their Rules.

### 9. RESERVOIR SYSTEM OPERATION PLAN (N/A)

Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System. do not own, control, or have responsibility for the operation of surface water storage reservoirs.

## 10. UTILITY CONVERSATION PRACTICES

Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System, in addition to above measures, will:

- a. Attempt to reduce water pressures to the extent possible, while meeting minimum requirements for all customers;
- b. minimize water losses during water treatment processes, and
- c. minimize watering of utility owned landscapes at all times, and
- d. minimize or eliminate un-metered water uses.
- e. Repair leaks as soon as possible, and
- f. eliminate storage tank overflows, and
- g. reduce line flushing by eliminating dead-ends.

TEXAS COMM. ON ENVIRONMENTAL QUALITY

CCN 11570 AUG 09.10

approved (ar:FF 8)

DCP rev 2010 Page 18 of 20

# Appendix C Water Conservation Ideas

### A. GENERAL INFORMATION

- 1. "Waste" of water is prohibited by law, and includes the following examples:
  - a. not beneficially using groundwater, and
  - b. willfully or negligently allowing groundwater to escape your property.
- 2. Water conservation plumbing fixtures, if not already present in your home, should be installed as an effective means to conserve usage. Since 1992, the following fixtures are considered low-flow or water conservation types:
  - a. Toilets 1.6 gallons/flush (GPF)
  - b. Wall-mounted toilets 2.0 GPF
  - c. Shower heads 2.75 gallons/minute (GPM)
  - d. Faucet aerators 2.2 GPM
  - e. Urinals 1.0 GPF
  - f. laundry machines adjustable water usage to match loads
  - g. water softeners on-demand types rather than timed-event

## Other fixtures that aid in conserving water:

- a. Pressure reduction valves on incoming water supplies set at < 50 psi
- b. Cut off valves placed liberally throughout interior and exterior plumbing aids in isolating and controlling leaks when immediate repair is not feasible.
- c. Water softener eliminates scale buildup on rubber gaskets, causing leaking faucets
- d. Plumbing that will allow capture of gray water
- e. 2-6 gallon point-of-use water heaters to eliminate the wait for hot-water

## 3. Water recycling and reuse

Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System encourages the reuse of gray water to the extent permissible by law and has recommended practices herein. Since gray water, which includes showers, lavatories, tubs, and laundry (everything except toilets and kitchen sink) gray water now must be collected in a tank prior to being applied to lawns and landscapes, provided ponding and nuisance conditions don't occur. Owners should consider cost effectiveness for having separate plumbing.

## 4. Water use budget

Read your water meter no less than monthly on the same date as your water company, to include checking water meter dial for continuing operation when water use appears to have ceased. This will indicate the presence of a leak. (If the water meter is not registering a known water leak, please contact your water company for checking and possible replacement with an accurate meter.)

Use your water meter to determine usage of major water use events, such as: watering lawn, washing clothes, washing car, morning and evening periods, etc.

For determining more exact water use information, utilize a "rain gauge" and stop watch to estimate flows and usage from showers, sinks and other routine or standardized use patterns.

### 5. Rainwater

Due to the extreme weather patterns, population growth, aquifer water level fluctuations (water availability), and the limitations on using potable water by Utility Drought Contingency Plans in the future, Canyon Springs Water Works, Shalako Water Supply, Mary Meade Water System, Rustic Hills WSC, and Village West Water System highly recommends the use of rainwater to maintain your investments in lands and analyzed to the continuous control of the continuous control of the control

## **B. CONSERVATION PRACTICES INSIDE THE HOME**

1. Leak detection

**DCP rev 2010** 

a. Shut-off all faucets (eliminate water usage) and then inspect your water meter for continuing dial rotation

Page 19 of 20

CCN 11570 AUG 09.10

Check all faucets for drips.

- b. Toilet: pay attention to those dripping sounds and fix any leaks. Hard water ruins rubber parts over time. Periodically remove the top of the toilet tank and watch it flush. If there are any leaks replace that flapper or rubber washer. Add a few drops of food coloring or a dye tablet to the water in the tank, but do not flush the toilet. If the coloring appears in the bowl within a few minutes, the toilet has a leak that need to be repaired.
- 2. Take a shower instead of taking a bath. Showers with water efficient shower heads often use less water than taking a bath.
- 3. Clothes and dishwashers should utilize the appropriate water/load settings (full loads preferred).
- 4. Recycle, reuse or avoid waste of water.
  - a. Collect dish rinse water for watering plants.
- b. Collect shower and sink flow prior to the onset of the desired water temperature (insulating hot water pipes to the points-of-use reduces water and energy use) for watering plants.
- c. Avoid running the water continuously for brushing teeth, washing hands, rinsing kitchen utensils, or for cleaning vegetables.
  - d. Keep a container of drinking water in the refrigerator.
  - e. For pre-1992 toilets, place a commercial dam or quart-sized containers in tank to displace unnecessary water.
  - f. Install aerators on sink and lavatories faucets.

### C. CONSERVATION PRACTICES OUTSIDE THE HOME

### 1. Landscaping

- a. Xeriscape (native vegetation or minimal water-demanding vegetation) is strongly recommended in order to comply with the management plan of the Utility.
- b. Information and reference materials on selections for trees, shrubs, grasses and flowers are available from TWDB, TCEQ, and Texas Agri Life Extension Service, as well as, native plant organizations and local nurseries.

## 2. Watering practices

- a. Avoid watering outdoors during dry, windy days. Water during the night or in above normal humidity to reduce evaporation.
- b. Use a commercially available "moisture meter" to determine the soil's water content.
- c. Utilize a drip-irrigation (or equivalent) system that can be a slow, time regulated operation. Water deeply and infrequently. Shallow watering promotes shallow root systems which quickly dry out.
- d. Avoid the use of automatic systems. Monitor for proper area coverage to prevent run-off.
- e. Eliminate over-watering, which may run off your property and be considered waste.
- f. Collect and/or divert rain to water outdoor plants or for other non-potable uses.

### 3. Maintenance

- a. Don't scalp-mow your lawns (nature intended her vegetation to produce seed).
- b. Fertilize lawns at least twice a year for root stimulation.
- c. Mulch around trees and bedding plants. Mulch, as well as other evaporation barriers (i.e. hay, bark, leaves, plastic, or rock) helps to absorb and retain water in the soil, as well as, keeps soil cooler. Avoid bare ground, which also contributes to run-off.
- d. every fall check & insulate plumbing, especially outdoors to avoid water loss after freeze damage.

## 4. General Non-essential water uses

- a. Leaks in yard piping will show as lush green vegetation.
- b. Use a bucket of soapy water when washing vehicles; use hose sparingly for rinsing.
- c. Maximize the enclosure on stock watering troughs, outdoor spas, pools, and other large open watercontainers to reduce water loss through evaporation.

### 5. Outdoor Plumbing (represents the biggest water losers)

a. Support and/or locate Yard spigots/faucets from being broken by dogs, lawnmowers, yard activity, etc.

TEXAS COMM ON ENVIRONMENTAL QUALITY

CCN 11570 AUG 09.10
APPROVED TARIFF BY SPSP

Page 20 of 20 DCP rev 2010