

STANDARD OPERATING POLICY

MENOKEN WATER DISTRICT

Updated 2023

An operating procedure of the Menoken Water District, Montrose, Colorado, providing regulations for the operation and maintenance of the Menoken Water system.

CHAPTER #1

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1-1 General:

(A) *The Menoken Water District is a political subdivision of the State of Colorado. The District is governed by a 5 member elected Board of Directors.*

(B) *The District distributes domestic water throughout the rural area of the Montrose-Olathe area and is a contracting party with Project 7 Water Authority and the Ridgway Dam.*

(C) *The District's mission is to provide dependable quality service for delivery of water to District customers.*

1-2 Applicability:

(A) *All user's of Menoken Water shall be subject to the terms and conditions as set out in this chapter and shall be subject to all applicable regulations of this code, other ordinances, resolutions and regulations of Menoken Water District; as they now exist or as they may be amended in the future.*

(B) *The owner, lessee, party in possession and party actually using water service, or any property served by Menoken Water District, shall be jointly and severally liable for all fees, charges and penalties imposed by this chapter and for compliance with the other requirements of this Chapter, notwithstanding any agreement among themselves.*

1-3 Definitions:

District - The Menoken Water District.

Board - Menoken Water District Board of Directors.

Director- Any member of the Menoken Water District Board.

Tap - Physical connection to District main distribution line. Right to receive water at a particular location subject to District rules and regulations.

Standard Tap - 3/4" tap with 5/8" x 3/4" meter.

Commercial - Any tap larger than "Standard". Or any tap supplying water primarily used for commercial or business activity.

Meter Setting - Meter, meter yoke, check valve, post, receptacle and meter pit.

Unit - An individual structure on a permanent or semi-permanent foundation, that has the capability of providing independent or semi-independent living, other than for incidental or temporary use. A major determining factor is if the unit has a kitchen facility typically defined to contain a stove, refrigerator and a wash basin.

Living Quarter - Contains independent kitchen facility within a unit.

Residence - A unit primarily used as a residential living space.

Business - A unit primarily used for business activity.

Multiplex Facility - A residence or commercial facility with 4 or more units.

Condominium - A multi-unit structure with individual ownership of each unit.

Owner - Any person or organization that owns the property, has an approved application, has paid the current fees, and is in compliance with the operating policy.

Application - Request and service agreement for metered service from the Menoken Water District system (Petition).

Applicant - Any person or organization making application for metered service on the Menoken Water system.

Specifications - Technical requirements for construction as approved by the District.

Tap Fee - Charge for tap and meter setting.

Trailer Park - Parcel used for renting mobile or trailer type homes sites which are set on permanent or semi-permanent foundations utilizing permanent utilities.

RV Park - Commercial business operated solely for the purpose of temporary parking of recreational vehicles.

Subdivision - Typically, a division of land into parcels less than 35 acres or a division of land subject to individual county land use code.

1-4 Application for Connection:

(A) Application for connection to the Menoken Water System shall be made upon forms provided by the District, which forms shall require information as may be necessary for the proper management and operation of the System. The application shall be accompanied by a simple legal description and a plan of the property to be served, tap size and intended use. Applications for connection to the Menoken Water System shall be agreed to by applicant and District, granting the District easements through said property as required by the Menoken Water District.

(B) The District shall locate meters to the best advantage of the District for access and reading. The District shall own, operate, and maintain all meters, pipelines, and appurtenant facilities. The meter shall normally be located at the property line in the county road or utility easement. No obstructions shall be constructed over or in front of a meter that prevents access from designated roadways or easements for reading and maintenance of the meter. Tampering, modification, or damage to District facilities shall be subject to appropriate fees and penalties.

(C) Irrigation ditches or drains which threaten the integrity of a meter setting shall be modified by the applicant, as specified by the District, to protect the meter pit and setting.

(E) The Board may declare a moratorium on new connections at any time due to limitations on the system capacity or other circumstances which require such action in their opinion.

(F) Physical Transfer of Tap: A member may request the physical transfer and removal of an existing tap, to another location providing the new location is serviceable. This request and physical transfer of tap must be approved by the District staff. Member must pay 100 % of the cost for removal and installation of the tap plus any additional costs for Materials, rentals, road crossings and permits.

(G) All taps will become a part of and attached to the property for which it was applied and installed upon, unless it is subject to the conditions of (F) of this Article.

(H) Transfer of Tap Ownership: A tap ownership may be transferred from one owner to another upon the sale of the property by completing a transfer of ownership form. Both the seller and buyer must sign this form before returning it to the District. A transfer fee shall be charged for each ownership transfer. After receiving a request for transfer, the District shall take a meter reading, prepare the closing bill, and upon receipt of the completed transfer form, a signed service agreement, and a copy of the deed, enter the transfer into the records of the District. The transfer fee is applicable if the tap remains at its present location or with the tract of land for which it was originally purchased.

(I) Annexation: When property within the District service area is annexed into a city the water service, service rights and associated facilities shall remain under the authority of the District. Taps cannot be transferred to city service and city water service shall not be extended into or across the District service area boundary without written consent by the District Board.

1-5 Installation and Maintenance Responsibility:

For Standard ¾" Taps:

(A) *The District shall make all connections to the District Water System and shall install water service lines from the District's main lines through the Customers meter at the property line. The District shall be responsible for the maintenance of said connection and line up through the customer's meter pit. The customer will be responsible for the cost of materials, rentals, equipment, labor, for any gravel or asphalt, road crossing or road bore, and for said road crossing permit and fee.*

(B) *The District shall install, at Customer expense, all water meters and valves. The District will maintain all meters and valves after installation. Any water leaks within the meter pit will be adjusted off customers bill. Customers will be responsible to pay for any damage to meter pit and plumbing caused by any digging, mowing, burning, grading or work done by contractors, including freeze damage due to pit lids being left off.*

For Commercial Taps:

(A) *All Commercial taps will be sized and designed to accommodate the needs of each specific facility and location. 100% of all installation costs for taps 1" and larger will be paid by the Customer in addition to District tap fee.*

(B) *Commercial installations may have additional regulatory and safety requirements and may contain specialized control plumbing that require annual maintenance and testing. All costs for meter and valve replacement, repairs and testing will be paid by the customer. Customers will be responsible to pay for any damage to meter pit and plumbing caused by any digging, mowing, burning, grading or work done by contractors.*

(C) *Property and rights of water system. All property and rights of the water system of the District shall be under the exclusive control of the duly constituted officers of the District and the individual members, as such, shall not exercise any acts in conflict therewith.*

(D) *Meters: All meters measuring water from the District system to individual members shall be deemed the property of the District and subject to the exclusive control thereof.*

(E) *Private Lines: The duly constituted officers of the District shall have authority to check the private lines of the members and require necessary repairs therein to prevent waste of water. It shall be the duty of each member to maintain his private water line and to pay for such.*

(F) *The customer, with the District Board's approval will be responsible for installation of any larger meter required. Customer is responsible for the installation and maintenance of the remaining service lines including the entire length of water laterals and plumbing facilities serving his property. Customer is also responsible for any water lost due to leaks in service lines beyond the meter. If any portion of a service line for which the customer is responsible is in need of repair and the customer fails to make such repairs following notice from the District, the District may either terminate water service or make the repairs and bill them to the customer. Such charges shall become a lien upon the customer's Water Tap and may be collectible as other charges imposed by this Chapter.*

(G) The district system was designed as a rural distribution system under the design criteria of FmHA. The district will supply a minimum of 20 p.s.i. at the meter. No member shall install in or upon his water line any pump, device or mechanism which will unduly prevent other members from obtaining their just share of the available water in the mains of the District, and the Directors may require the removal of any such pump, device or mechanism which may, in their judgement, violate this provision. Nor shall any member have any cross connection that may present a health hazard to any other member of the system and which does not meet the State of Colorado Health and Guidelines and laws as revised March, 1983.

(H) The District system has such great changes in elevation the main lines are subject to pressure variation between 20 and 200 pounds. The District is not liable for any damage or water lost attributable to pressure fluctuations of the system caused by its working cycle or malfunction and breakdown of the facilities.

The customer is responsible for installing and maintaining the proper pressure relief, surge protection, back siphon age valves, booster pumps, circulation pumps, storage tanks or any other control or alarm that will adequately supply or protect all plumbing facilities, systems, or mechanisms serving the property from high pressure, low pressure, or water outages.

1-6 Meter Requirements:

(A) All water sold to a customer shall be metered. A standard (5/8" x 3/4") water tap may serve only one "residence". An owner shall be required to purchase an additional tap for each residence, and each such connection shall be metered. It carries with it an obligation to pay minimum charges for each tap. A maximum of one (1) camper trailer not to exceed 20 feet in length shall be allowed as a temporary hook-up to the household connection as long as the camper line remains above ground and lasts no longer than 90 days.

(B) Schedule for tap fees, user class and flow ranges is shown in 1-7

(C) Subdivision of land shall require purchase of separate taps for each parcel. Multiple residential units on one parcel shall be required to purchase separate taps.

(D) A residence unit and a business unit will be allowed to be connected to one (1) tap with the following restrictions:

- 1) There will be no living quarters in the business unit.
- 2) The owner shall be the same for both units.
- 3) Both units shall be on the same lot or parcel.
- 4) Tap size will be large enough to supply maximum occupancy potential of facility, including required fire flows.

(E) Multiplex commercial units under one (1) roof with one owner of lot and building will be allowed to be connected to one (1) tap. Owner will be responsible for division of bill among renters.

- 1) Tap size will be large enough to supply maximum occupancy potential of facility,

including required fire flows.

(F) Condominiums, residential or business shall be required to purchase separate taps for each unit and be connected separately.

(G) RV Parks and motels will be allowed to connect to one (1) tap with the following restrictions:

1) Only one permanent residence will be allowed.

2) Occupants will not be allowed longer than 90 days.

3) Tap size will be large enough to supply maximum occupancy potential of facility, including required fire flows.

(H) Multiplex Residential (Trailer Parks and Apartment Buildings) will be allowed to connect to one (1) tap with the following restrictions:

1) Multiplex must have four (4) or more spaces.

2) Multiplex owner will be responsible for billing each separate space.

3) Multiplex owner will be responsible for all repairs and maintenance and loss of water within the facility.

4) Tap size will be large enough to supply maximum occupancy potential of facility, including required fire flows.

1-7 Water Charges - General Provisions:

(A) Charges for water service shall be payable, assessed and billed at periodic intervals specified by the Board Resolution. All bills shall specify the due date. A penalty of one percent (01%) of the amount of charges not paid by due date assessed may be charged. All charges imposed by this Chapter shall become a lien on the Water Tap served as of the date they are billed. The District may maintain an action for the amount of charges due in a court of competent jurisdiction, including interest and attorney fees and court costs as allowed by law. The District may shut off water to any premises for which the bill is not paid in accordance with procedures set out later in this Chapter. Meters shall be read every month; payments shall be due by the 10th of the month. There will be a \$10.00 charge on all checks returned for insufficient funds.

Tap Fee Schedule and User Class:

(A) Standard Residential: 5/8 X 3/4 Price: \$4,500 Plus installation costs

Maximum Peak flow Range 1 - 20 G.P.M.

Maximum Continuous Flow Range 1 - 12 G.P.M.

User Types:

Single Family Homes

Single Family home & business building combination.

Small Business.

Single Family Residential Condominiums

*Small Business Condominiums
Agriculture use*

Uses and restrictions are specified in section 1-6.

(B) Standard Commercial:

<i>1" Tap</i>	<i>\$5250 plus 100% of installation</i>	
<i>Maximum Peak flow Range</i>		<i>3 - 50 G.P.M.</i>
<i>Maximum Continuous Flow Range</i>		<i>3 - 25 G.P.M.</i>

<i>1-1/2" Tap</i>	<i>\$10,500 plus 100% of installation</i>	
<i>Maximum Peak flow Range</i>		<i>5 - 100 G.P.M.</i>
<i>Maximum Continuous Flow Range</i>		<i>5 - 75 G.P.M.</i>

<i>2" Tap</i>	<i>\$15,750 plus 100% of installation</i>	
<i>Maximum Peak flow Range</i>		<i>2 - 160 G.P.M.</i>
<i>Maximum Continuous Flow Range</i>		<i>2 - 130 G.P.M.</i>

<i>3" Tap</i>	<i>\$31,500 plus 100% of installation</i>	
<i>Maximum Peak flow Range</i>		<i>4 - 350 G.P.M.</i>
<i>Maximum Continuous flow Range</i>		<i>4 - 320 G.P.M.</i>

User Types:
High use industrial and Commercial
RV Parks
Motels
Large Business Multiplex
Agriculture Production
Municipal

Uses and restrictions are specified in section 1-6.

(C) Multiplex Residential:

Tap fees will be 100% of tap size to supply maximum occupancy potential of facility, and 20% of Residential tap fee per unit. plus 100% of installation

To qualify as a Multiplex a facility must have a minimum of 4 units.

User Types:
Apartment Buildings
Trailer Parks

Uses and restrictions are specified in section 1-6.

(D) Multiplex Commercial:

Tap fees will be 100% of tap size to supply maximum occupancy potential of facility, and 20% of Residential tap fee per unit. plus 100% of installation

User Types:

Business Retail or Commercial Rental or Lease units.

To qualify as a Multiplex, a facility must have a minimum of 4 units.

Uses and restrictions are specified in section 1-6.

(E) Monthly installment plans will not be authorized.

(F) All customers within the Menoken Water District boundaries with metered service shall pay the following charge:

3/4" Water Tap:

<i>0 gallons</i>	<i>\$22.00 minimum charge</i>
<i>0 - 15,000 gallons</i>	<i>\$ 3.40 per thousand</i>
<i>16,000 - 30,000 gallons</i>	<i>\$ 3.35 per thousand</i>
<i>Over 30,000 gallons</i>	<i>\$ 2.40 per thousand</i>

*1" Water Tap: Minimum = \$ 50.00 - 0 gallons
All water @ \$ 2.40 per thousand*

*1-1/2" Water Tap: Minimum = \$ 80.00 - 0 gallons
All water @ \$ 2.40 per thousand gallons*

*2" Water Tap: Minimum = \$ 110.00 - 0 gallons
All water @ \$ 2.40 per thousand gallons*

*3" Water Tap: Minimum = \$215.00 - 0 gallons
All water @ \$ 2.40 per thousand gallons*

(G) Tap fees and water rates, are shown above. The primary purpose of tap fees are for capital improvement of the system. The minimum water charge must be paid regardless of use. Any water use in excess of

the minimum shall be charged according to the rate table.

(H) Billing shall begin 10 days after purchase or upon installation of the tap, whichever occurs first.

(I) The following rules and regulations shall apply to Multiplex Residential taps to trailer parks and apartment houses:

1) Trailer and mobile home parks shall serve the specified number of spaces paid and applied for with the present meter. Any further expansion must be reviewed and approved by the District and applicable fees must be paid.

2) Billing for Multiplex Commercial taps supplying apartment houses, trailer and mobile home parks under one ownership shall be computed on the following basis:

Total water used divided by the number of units. This per unit use is then calculated based on the residential rate in effect.

(J) Billing for taps supplying seasonal RV units and Motels only shall be based on usage and size of meter.

(K) Rentals:

The District shall bill a renter as a convenience for the owner and at the owner's request. The owner is ultimately responsible for all charges incurred. The owner and renter shall both receive a delinquent statement if the renter becomes delinquent on payment.

(L) Fire Lines & Fire Hydrants:

Standard dedicated fire line service for commercial and industrial use shall comply with the following:

1) Owner must sign service agreement of fire line prior to installation.

2) A detector check-back flow preventor assembly and associated fittings shall be installed. Size will be based on demand and approved by the Fire District. A fire line by pass can be installed in combination with a commercial meter.

3) Customer must pay 100% of materials and associated expenses to install service installation to District specifications.

4) Properties served by fire lines into the facility will pay in addition to monthly water service a monthly charge of \$ 25.00 or as set by the board of directors.

5) *No water shall be used on the customer's side of the detector check except for actual fire extinguishing or testing purposes within the structure that is being protected by the fire system. Any violation shall result in the termination of this service. If a fire does occur, the owner shall notify the District immediately.*

6) *All facilities up to and through the metering station are the property of the District. Any lines and facilities from this point shall be the responsibility of the owner.*

7) *The District makes no guarantees for service and the owner shall agree to accept whatever flow and pressure is available at the time of required use.*

8) *Terms and conditions for service are outlined in Dedicated Fire line Application. Application shall be completed by owner prior to service connection. Fees shall be paid prior to installation of a dedicated fire line tap by the District.*

Fire Hydrants:

1) *Fire hydrants installed along the system's main are owned and maintained by the District. Service shall not be metered but shall be restricted to emergency fire use and periodic flow testing as use can impact the District's capability to serve domestic needs. Fire hydrants installed on private systems or service lines beyond dedicated fire line installations are the responsibility of the owner and water used shall be metered by the District. In the event of a fire, water used for fire protection purposes shall not be billed to the customer, however all other water used from a private hydrant shall be billed to the customer. Negative pressure pumping of any and all fire hydrants is strictly prohibited by the District.*

2) *The District does not guarantee a minimum flow or pressure at any fire hydrant. Tap owners and all other beneficiaries of fire hydrants shall also be aware that any fire hydrant located on the District system may not provide sufficient flows for fire protection purposes. The District shall not be held liable for the performance of fire hydrants on the system.*

3) *District owned fire hydrants shall be used by qualified professionals representing a fire protection district or department for fire protection purposes only. All other use of fire hydrants is strictly prohibited by the District.*

1-9 Termination and Resumption of Water Service:

(A) *An account is delinquent after thirty (30) days.*

(B) *A shut off notice is sent allowing fifteen (15) days to pay.*

(C) *Bills not paid by the fifteenth day, will cause service to be locked off.*

(D) *A \$50.00 lock off penalty will be added to all taps locked off. All charges must be paid before service will be restored, part payment will not cancel shut off date, total bill must be paid in full.*

(E) *There will be a \$15.00 collection fee to customers paying at the door.*

(F) *There will be a \$50.00 service fee to customers requesting service restoration after hours of, 8:00 a.m.*

to 5:00 p.m., Monday through Friday to cover overtime costs.

(G) There will be a \$50.00 tampering fee plus repairs and labor to any one, removing, breaking, or tampering with the locking device, meter, pit plumbing, or lid. Law Enforcement Authorities will also be notified.

(H) After a tap has been locked off three times in one year, the customer must appear at the next scheduled Board of Directors Meeting and request in person the service be restored, before water will be turned back on.

(I) Water bills are accumulated on each respective tap, regardless of user, or users. Tap owners are ultimately responsible for unpaid bills and any penalties left by renters.

(J) There will be a \$5.00 charge for delinquent notices.

1-10 Restriction of Water Use:

(A) It shall be unlawful for any person to sell or give water away to be used on premises other than those for which service is provided. It shall be unlawful for any person to interfere, tamper, damage, destroy, or operate any part of the District water system, without lawful authority to do so.

1-11 Right of Entry:

(A) Whenever necessary to make an inspection or investigation, to perform any duty, or to enforce any provisions of this Chapter, the District's manager and his authorized representatives may enter upon any building, or premises served by the District's water at any time for such purpose.

(B) This right of entry shall apply, but not be limited to the following functions: To determine the location and connections of all pipes, fixtures and meters, to annually test, make repairs and to investigate violations of this Chapter or to check for any cross-connection violation.

(C) It shall be unlawful for the owner or occupant of any premises, after request is made for entry as provided herein, to deny entry to the District's manager or his representative.

1-12 Main Line Extensions:

(A) All mainlines will be 6" minimum size. All service line road crossings shall be 1 ¼" minimum with a 2" casing. Subdivision mainline size shall be determined by demand. Commercial subdivisions shall be 8" minimum.

(B) Applicant shall pay for 100% of mainline or road crossing cost on a time and material basis, including labor, equipment and materials.

(C) All materials will be supplied by Menoken Water District at invoice cost. Applicant must pay 100% of 'estimated' materials prior to ordering. The Menoken Water District will not be required to refund materials payments on projects that are abandoned after construction has begun.

(D) All mainline installations or road crossings to the meter will be performed by Menoken Water District crews and equipment or a Menoken Water District approved contractor accompanied by a Menoken Water District Inspector.

(E) All permits and right-of-ways shall be obtained prior to ordering materials.

(F) All right-of-ways and lot corners shall be surveyed and staked prior to construction. All new right-of-ways shall be graded to within 4" inches of finish grade all at owners expense.

(G) Menoken Water District reserves the right to install a larger pipe size than the 6" minimum.

(H) All construction work shall be done in strict compliance with Menoken Water District official standards and specifications.

(I) All mainlines installed by developer or his/her appointed contractors will be warranted for a one year period. Any repairs and loss of water or property damage will be billed to the Developer.

1-13 Backflow Prevention:

PURPOSE:

The purpose of this policy is to set forth the District's position regarding prevention of potentially harmful backflow to the District's public potable water delivery system.

The District strictly prohibits cross connection of the public potable water system with any private or public water supply which does not meet minimum general sanitary standards by which the District abides or as set forth by the Colorado Department of Public Health and Environment (CDPHE).

This policy is written pursuant to the Safe Drinking Water Act and Article 12 of the Colorado Primary Drinking Water Regulations.

AUTHORITY:

Sections 25-1-107, 25-1-108, 25-1-109, and 25-1-114 Colorado Revised Statutes, 1973, as amended.

Colorado Primary Drinking Water Regulations (CPDWR), Article 12, Hazardous Cross Connections.

DEFINITIONS:

DISTRICT: The Menoken Water District

BACKFLOW PREVENTION DEVICE: A device that meets applicable specification stated or cited in this standard or as suitable for the proposed use and as approved and accepted by the CDPHE.

AUXILIARY WATER SUPPLY: Any water supply on or available to a customer's premises other than the District's approved public potable water supply.

CUSTOMER: Any person, business, or corporation receiving and using potable water from the District.

BACKFLOW: The flow of water or other liquids, mixtures, gases, or substances into a potable water system from any other source than the intended supply.

BACKFLOW PREVENTION DEVICE: A device or method designed to prevent backflow as follows:

1.) *AIR GAP:* The unobstructed vertical distance through free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture, or any other device, and the flood level rim of said vessels. An approved air gap will be at least double the diameter of the supply pipe, measured vertically, above the top of the overflow rim of the vessel, and in no case less than one inch.

2.) *PRESSURE AND NON-PRESSURE TYPE VACUUM BREAKER:* Device which provides for an atmospheric breaker to prevent back siphon age. A non-pressure device shall be installed at least 6 inches above the highest outlet or fixture. A pressure type breaker is spring loaded and does not rely on gravity to function.

3.) *DOUBLE CHECK VALVE:* This device is an assembly of two internally loaded, specially designed and independently operating check valves together with a tightly closing shut off valve on the upstream and downstream side of the check valves. This type of device is used on all direct or indirect water connections through which pollutants may enter the potable water system under backflow conditions.

4.) *REDUCED PRESSURE PRINCIPLE DEVICE:* This device is an assembly of two internally loaded, specially designed, and independently operating check valves which also has a mechanically independent, hydraulically dependent relief valve between the check valves specifically designed to maintain a zone of reduced pressure between the two check valves at all times. This assembly must also have tightly closing upstream and downstream valves. This assembly is used wherever a direct or indirect connection is made to a point of use involving any contaminant.

CONTAMINATION: Any impairment of the quality of potable water supply which creates a natural hazard to public health.

DISTRICT SYSTEM: Facilities and pipe transmission and distribution systems for delivery of

potable water which are under complete control of the District to a point of connection immediately outside and on the customer's side of the District's meter pit or vault.

CUSTOMER SYSTEM: Facilities and transmission systems beyond the District system including service lines and interior plumbing systems under control of the customer for delivery of potable water.

TYPES OF CROSS CONNECTION CONTROL PROTECTION:

Containment: Used to contain a backflow condition from the customer system to the public water supply.

Isolation: Used to isolate a backflow condition within the customer system to the public water supply.

DISTRICT RESPONSIBILITIES:

To inspect plumbing and identify hazardous service connections as outlined in the CDPHE's Cross Connection Control Manual.

Shall have no uncontrolled cross connections to any District system for supply of potable water which does not meet the provisions of CPDWR.

Shall require containment type Backflow Prevention Devices (BPD's) on services that pose a threat to public health hazard. The District in conjunction with the CDPHE shall determine the need and type of device consistent with the degree of hazard posed by the connection.

Isolation type devices shall be considered on case by case basis.

Inspect and approve the installation of all BPD's. Inspect and approve all testing, maintenance, and repair reports of customer BPD's.

Retain maintenance records of all BPD's for the last three years. Make records available to the CDPHE for inspection.

CUSTOMER RESPONSIBILITIES:

To prevent pollutants and/or contaminants from entering the District system by way of the customer system.

All BPD installations or replacements must be performed by a licensed plumber, certified in cross connection control.

All testing and maintenance shall be performed by a Certified Technician. Initial tests shall be performed within 30

days of installation and subsequent tests shall be performed each year (not to exceed 365 days) thereafter. Customer shall pay cost's of testing, maintenance and repair's of all BPD's .

Allow District to inspect BPD(s) or investigate potential hazards to the public water system at any time.

Purchase, install, test, maintain, repair, and replace all BPD's.

GENERAL:

BPD's required by the District will conform to the latest AWWA C-506 Standards for Reduced Pressure Principle and Double Check Valve Backflow Prevention Devices.

The District shall determine the type of BPD to be installed based on the degree of hazard that is posed by the customer system.

The District may disapprove of any existing BPD that may be installed in a customer system given incomplete or improper installation.

The District shall consider by-passes, jumper connections, removable sections, swivel or change-over devices, or any other temporary or permanent connections through which backflow could occur to be cross connections.

The District prohibits any cross connection of the public water supply to any other pipe, fixture, or auxiliary water system which contains water of a quality below minimum general sanitary standards by which the District abides or as set forth by the CDPHE for that water system, whichever is the most stringent.

The District reserves the right to prohibit and deny cross connection of any auxiliary water source with it's public potable water supply. The District's will be the ultimate authority in these matters.

Any public water supply system that is cross connected with the District system shall have a backflow prevention policy in place that meets or exceeds the general standards outlined in this policy.

Any cross connection discovered by the District that is not allowed by this policy shall be permanently removed within 24 hours of formal notification or service will be discontinued until such time as the conditions or defects are corrected.

The District shall conduct inspections and surveys of customer's and their facilities in accordance with the DPDWR, Article 12. The District will exercise reasonable and informed judgement to determine whether conditions or circumstances pose a threat to the public potable water supply and take appropriate action to resolve concerns.

The District shall give written notice requiring installation of an approved BPD(s) at specific location(s) on the customer's premises. The customer shall install the BPD(s) within 30 days of written notice at his own expense. If

the customer fails to comply with the request of the District, service will be discontinued by means of a physical break in service.

*This policy incorporates herein by reference the **Cross-Connection Control Manual** and the **CPDWR** of the CDPHE including all amendments made now and hereafter. Whenever there is a conflict between this policy and the references, the most stringent standard will apply.*

THESE STANDARD OPERATING PROCEDURES HAVE BEEN ADOPTED BY THE BOARD OF DIRECTORS OF MENOKEN WATER DISTRICT, NOVEMBER 1997.

STANDOPP.RR

