

FIRE PROTECTION
AND
FIRE LINE SERVICE
POLICY

Attachment to the Rules and Regulations

Of

CONSOLIDATED RURAL WATER DISTRICT #1

Leavenworth County, Kansas

2003

GENERAL:

Consolidated Rural Water District #1 (hereinafter called the “Water District”) provides non-metered water from fire hydrants to portions of the Fairmount and Delaware Township Fire Departments area, in order to aid them in their endeavor of protecting the community from the effects of fire. The Fire Departments may also use water for training purposes only after obtaining permission from the Water District.

The Water District operates a water distribution system that has been designed for the delivery of water for domestic consumption only and has not been designed to provide fire suppression. The Water District will not be responsible for any damage and/or loss of life.

The requirements outlined in this policy are to be considered a minimum standard guideline and may be subject to change at any time based on, engineering recommendations, on-site conditions and changes to local, state and federal regulations. Changes to this policy may be completed with or without prior notice to Water District consumers. In situations when consumers may need changes, alterations or variations to this policy, prior approval must be obtained from the Water District.

FIRE LINE SERVICE:

As a service to the community and our customers, the Water District may allow taps on Water District mains for the purpose of supplying water to fire lines, only with the understanding that the distribution system was, and is, not designed for the purpose of fire suppression.

Fire lines are defined as any main and/or appurtenances designed for the sole purpose of aiding in the suppression of a fire and not for normal domestic water consumption, including but not limited too; private fire hydrants, fire sprinkler systems or other.

Any unauthorized tap on a fire line will result in automatic forfeiture of the fire line service and any and all domestic water benefit unit rights will be revoked and service terminated immediately. At such time the fire line service is forfeited, permanent termination of the service will be completed, at the owners’ expense, by closing the tapping valve and capping the main.

ESTABLISHING SERVICE:

Once an application for a fire line has been submitted to the Water District, reviewed by the District's engineer and approved by the Board of Directors, an estimated cost will be provided to the owner and/or representative.

This estimate will only include all related fees for establishing the fire line service such as but not limited to; tapping sleeve, resilient seat gate valve, valve box, valve box ring and lid, estimated street curb repairs, estimated street surface repairs, estimated repairs needed to property affected by the fire line service, inspection fee, estimated District contractor's labor expense, and any engineering expenses incurred by the District.

Once all fees and estimated construction costs are paid. The Water District will schedule the main tapping, then set a gate valve, valve box and valve box ring and lid.

This valve shall remain the sole property of the Water District and shall only be operated by Water District personnel.

The owner and/or representative will be responsible for all excavating, boring or street cuts from this point. The Water District's responsibility shall stop at the tapping valve.

Once the construction of the fire line is complete the Water District must be notified of completion and Water District personnel prior to the fire line being back filled will perform an inspection of the fire line.

Water District personnel are the only authorized persons allowed to operate Water District valves. Upon completion of the fire line, Water District personnel must be contacted to operate the tapping valve at the connection to the water main.

The following is a brief outline of the process for establishing a fire line service:

1. submit application for feasibility study with demand requests
2. engineering review of application
3. written approval or denial of application with estimated costs
4. submit three (3) sets engineered plans
5. Water District Engineer review of plans
6. written approval of fire line service
7. owner submits payment for service
8. Water District schedules tap of water main
9. inspection of connection to the water main
10. inspection of fire line service installation
11. Water District personnel will operate valves supplying the fire line service
12. the owner shall have all backflow devices tested at installation and annually

BACKFLOW PREVENTION:

All fire line systems must have backflow prevention devices in place and tested by a certified backflow prevention specialist prior to placing the fire line system into operation.

When water is the only extinguishing agent used in the fire line system, then a Double Check Detector Valve assembly shall be required.

If other agents, in part or whole, are used in a fire line system then a Reduced Pressure Zone (RPZ) Backflow Prevention Assembly is required.

All Backflow prevention devices shall be tested no less than annually unless otherwise requested by the Water District in accordance with the Water Districts Cross Connection Control Policy. Failure to have an annual test performed on the backflow prevention device when required may result in forfeiture of the fire line service and termination of service may result anytime thereafter as per the Cross Connection Policy of the Water District.

All Backflow prevention devices must be installed horizontally.

Backflow prevention devices may be placed inside buildings if the distance from the water main to the location inside the building does not exceed 75 feet as the fire line is laid, or as determined by the Water District. All Backflow prevention devices placed inside of buildings shall be readily accessible to Water District personnel at all times.

Buildings located a distance greater than 75 feet from the water main shall provide for Backflow prevention as close as reasonably possible to the water main as agreed upon by the owner and the Water District.

All Double Check Detector Valve assemblies located outside of the building shall be located in a vault as directed by the Water District (see detail drawings attached). All Reduced Pressure Zone (RPZ) assemblies located outside of a building shall be located in an approved "hot box" as directed by the Water District.

FIRE HYDRANTS:

All fire hydrants required by the fire department or agency other than the Water District, placed on private property, shall be painted red. All Water District fire hydrants will be painted yellow. All private fire hydrants shall conform to the Water Districts Design Criteria and be of breakaway design.

All private fire hydrants shall be supplied with an auxiliary gate valve. All appurtenances attached to a fire line i.e., fire hydrants, post indicator valves, fire department hose connections, backflow prevention devices, valves etc... shall remain the sole responsibility of the owner.

The owner shall schedule with the Water District all flow tests conducted on fire line systems. An appointment shall be made to insure that Water District personnel are present during all flow tests.

Private fire hydrants on non-metered lines shall not be used for any purpose except to aid in the extinguishing of fire. Violation and unauthorized use will result in forfeiture of the fire line system.

INSPECTION:

The Water District shall be permitted to inspect any and/or all portions of the fire line system during normal business hours upon request by the Water District. In an emergency condition Water District officials shall be allowed to enter private property without prior notice to investigate or inspect all fire line systems.

MONTHLY FEE:

Each fire line tap shall carry the prevailing monthly minimum charge. Failure to pay by due date will result in a 10% penalty. Continued failure will result in disconnection of service.

INTERRUPTION OF SERVICE:

If for any known reason service will be interrupted to a fire line system, the Water District will make every attempt to notify the owner and local fire department. The Water District shall not be responsible nor be held liable for any damages resulting in the unforeseen interruption of service to a fire line. The Water District will make every reasonable effort to minimize the length of time service is interrupted.

CONSTRUCTION DRAWINGS:

An engineer, registered in the State of Kansas, must design all fire line services. Three complete sets of engineered stamped construction drawings must be submitted to the Water District at the time the application for fire line service is submitted. The Water District will retain these construction drawings for our records. Changes, alterations and/or variations to the fire line system must be submitted to the Water District for our records.

PERMITS:

The owner shall be responsible for obtaining all permits as required by local, state and federal laws or regulations.

CODES:

The owner shall be responsible for designing, constructing and operating the fire line service in accordance with all local and state plumbing, building, fire codes and standards.

Fire Line Service - Rate Fee Schedule

Application Fee- (non-refundable)

Application and feasibility review	\$300.00
Engineering review of plans	\$500.00

System Expansion Fee - (non-refundable / one time fee) For Each

3" Tap	\$ 3,000.00
4" Tap	\$ 4,500.00
6" Tap	\$ 7,500.00
8" Tap	\$10,500.00
10" Tap	\$15,000.00
12" Tap	\$22,500.00

Tap Fee - (material / labor)

3" Tap	Material + Labor Cost
4" Tap	
6" Tap	
8" Tap	
10" Tap	
12" Tap	

Monthly Service Fee -

All Fire Line Services	\$ 14.00 + tax
	or current monthly minimum fee
Minimum monthly bill – regardless of amount of water used.	

The Water District reserves the right to change any or all of the above fees without notice.