

Louviers Water and Sanitation District
Rules, Regulations, and Policies

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Contents

2009 Rules, Regulations, and Policies Document

Article I - General Information

Article II - Definitions

Article III - Liability and Ownership

Article IV - Operation and Maintenance of Water and Sewer Systems

Article V - Application for Service

Article VI - Main Line Extensions

Article VII - Cross-Connection Control

Article VIII - Rates and Charges

Article IX - Hearing and Appeal Procedures

Appendix A - Schedule of Fees & Charges

Appendix B - Water and Sewer Service Line Construction Specifications

Article I - General Information

1.1 Purpose

The purpose of these consolidated Rules, Regulations, and Policies is to ensure an orderly and uniform administration of water and sewer operations within Louviers Water and Sanitation District, Louviers, Colorado. These administrative responsibilities are performed by Contractors engaged by the Louviers Water and Sanitation District Board of Directors who implement the policy and guidance of the District.

1.2 Authority

The District is a governmental subdivision of the State of Colorado and a corporate body with the powers of a quasi-municipal corporation. These powers are specifically granted for carrying out the objectives and purposes of the District as stated in the respective by-laws.

1.3 Policy

The Board of Directors of the District hereby declares that the Rules, Regulations, and Policies hereinafter set forth will serve a public use and are necessary to promote the health, safety, prosperity, security, and general welfare of the inhabitants of the District. All customers/users of the District are bound by these Rules, Regulations, and Policies as a matter of contract for which there is good and valuable consideration.

1.4 Scope

These Rules, Regulations, and Policies shall be effective for the District when approved by the Board of Directors of the District, are the comprehensive regulations which govern the operations and functions of the District.

1.5 Intent of Rules, Regulations, and Policies

These Rules, Regulations, and Policies shall be liberally construed to effect the general purpose set forth herein, and each and every part is separate and distinct from all other parts. No omission or additional material in these Rules, Regulations, and Policies shall be construed as an alteration; waiver; deviation; limitation, or restriction from any grant of power, duty, or responsibility imposed or conferred upon the Board of Directors by virtue of statutes now existing. Nothing contained herein shall be construed as prejudice or affect the right of the District to secure the full benefit and protection of any law which is now enacted or may subsequently be enacted by the Colorado General Assembly pertaining to the governmental or proprietary affairs of the District.

1.6 Amendment

The District through the Board of Directors shall retain the power to amend these Rules, Regulations, and Policies, with respect to the District, to reflect those changes determined to be necessary by the Board of Directors of the District. Prior public notice of these amendments shall not be required by the District when exercising its amendment powers pursuant to this Section.

1.7 Waiver, Suspension, or Modification of Rules

The Board of Directors, and if Board appointed, the District Manager, acting on instructions of the Board, shall have the sole authority to waive, suspend, or modify these Rules, Regulations, and Policies. Any such waiver, suspension, or modification must be in writing authorizing the specific action. Such waiver, suspension or modification is an exception to the Rules, Regulations, and Policies for the specific instance and shall not be construed as continuing for future instances. Waivers, suspensions, or modifications are not deemed an amendment of the Rules, Regulations, and Policies.

1.8 Inclusion in Contract

These Rules, Regulations, and Policies are automatically incorporated into every contract, written or oral, for service with the District whether expressly referenced or not, to the extent they are not inconsistent with the contract for service.

1.9 Rights and Authority

The District reserves the right to temporarily discontinue service to any property, at any time, for any reason deemed necessary or appropriate. The District shall have the right to revoke service to any property for violations of these Rules, Regulations, and Policies in accordance with the procedures set forth in these Rules, Regulations, and Policies.

1.10 Authority to Inspect

Authorized representatives of the District, upon presentation of a work order and identification, shall be permitted to enter upon all properties at all reasonable times for the purpose of inspection, observation, measurement, sampling, testing, and inspection of records of the water or sewer system, in accordance with the provisions of these Rules, Regulations, and Policies. Failure to permit such inspections, observations, measurements, samplings, testing, and/or inspection of records upon the request, in writing, of the Board of Directors or District Manager may result in a finding that permission is being denied to avoid discovery of a violation. Such finding may result in the disconnection of service to the property occupied by the party failing to permit the desired access, or other remedies as allowed under these regulations, subject to the hearing and appeal procedures set forth in ARTICLE IX- HEARING AND APPEAL PROCEDURES.

1.11 Violators Fined

Any person violating any of the provisions of these Rules, Regulations, and Policies shall become liable to the District for payment of a penalty of up to \$1,000 and \$500 per SFE plus any expense, loss, or damage including attorney fees for enforcement action, occasioned by reason of such violation. If any person causes damage to the District system by misuse, negligence, or other action on his/her part, the District shall hold that person liable for the cost of repair including any study, investigation, or consultant fees incurred. Such costs shall constitute a perpetual lien upon the violator's property as allowed by Section 32-1-1001, C.R.S., as amended, or a perpetual lien upon the property to which the District was providing services at the time of the violation, whichever the Board of Directors or District Manager deems appropriate.

Article II - Definitions

Unless the context specifically indicates otherwise, the meaning of the terms used herein shall be as follows:

2.1 Accommodation Unit

"Accommodation Unit" is one habitable room intended primarily for sleeping purposes and without a cooking facility. Examples of an accommodation unit are a hotel room, hotel suite, hostel room, bed and breakfast room, or a lock-off without a cooking facility.

2.2 Attic

"Attic" is an unheated, uninhabitable air space between the ceiling of a room and the roof of a building.

2.3 Basement

The lowest area within a structure, either partially or entirely below finish grade with a finished floor, and intended for continuous habitation.

2.4 Board

"Board" and "Board of Directors" are the elected or appointed Board of Directors of the District who has responsibility for policy and management oversight of the water and/or sewer systems.

2.5 Circulation Space

"Circulation Space" is that space in a multi-unit or mixed-use facility that provides ingress and egress to residential units located in the facility. Examples of Circulation Space are hallways, stairways, and elevators not located within Residential Units, Accommodation Units, or Efficiency Units. Where Circulation Space passes through an entryway or lobby, such space shall be deemed to be a corridor no more than ten (10) feet in width, or the width of any hallway such corridor leads to, except where a greater width is required for ingress and egress by a building or fire code.

2.6 Commercial and/or Industrial Unit

"Commercial and/or Industrial Unit" is any structure or facility that is used to engage in a business, commerce, manufacturing, marketing, and/or sale of products and services of any kind.

2.7 Connection

2.7.1 Sewer

A sewer connection is defined as a pipe that allows a continuous flow of sewage from a structure into a District main.

Connection for a sewer service line has not occurred if a connection of the water service line has not occurred or if an "air gap" exists within the sewer service line between the District's main and the footer and/or foundation of the structure.

2.7.2 Water

A water connection is defined as a pipe that allows a continuous flow out of a District main, into a structure, and through the meter assembly.

Connection for a water service line has not occurred if an “air gap” exists within the service line between the District’s main and the structure or between the meter assembly, and the internal plumbing of the structure.

2.8 Contractor

"Contractor" is any person, firm, or corporation licensed or permitted to perform work and to furnish materials within the District. The Contractor will need to obtain a permit required by the county or town for work conducted in a public way.

2.9 Cooking Facility

"Cooking Facility" is an arrangement within a residential unit which provides, but is not limited to, the following features: refrigeration capability; hot plate, electrical frying pan, toaster oven, crock pot, counter top burners, stove or microwave; and facilities for washing and cleaning.

2.10 Crawl Space

"Crawl Space" is any area contained and covered by a structure that has a dirt or gravel floor and is not intended for continuous habitation.

2.11 Customer

"Customer" is any person or entity authorized to connect to and use the District's water or sewer systems. The word “Customer” effectively encompasses owner, renter, contractor, subcontractor, developer, etc. “Customer” is any person who applies to the District for a service connection, service disconnection, main line extension, or other such service agreement, or who attempts to have real property included within, or excluded from the District, as the case may be.

2.12 District

"District" is the:

Louviers Water and Sanitation District or “LWSD”

2.13 District Engineer

"District Engineer" is the person or firm that has been authorized by the District to perform engineering services for the District.

2.14 Efficiency or Studio Unit

"Efficiency" or "Studio Unit" is a Residential Unit having one room with an integral cooking facility and one bathroom.

2.15 Board of Directors or District Manager

"Board of Directors or District Manager" as used in these Rules, Regulations, and Policies is the person retained by the Board of Directors to administer and supervise the water and/or sewer affairs of the District.

2.16 Industrial Pretreatment Program

The "Industrial Pretreatment Program" ("IPP") is the industrial waste management program adopted by the Board to conform to the requirements of its Colorado Discharge System (CDPS) permit. The program is to ensure the proper pretreatment and handling of industrial sewage generated by commercial or industrial units that may have a deleterious effect on the sewage system. See APPENDIX E - POLLUTANT DISCHARGE REGULATIONS AND INDUSTRIAL PRETREATMENT PROGRAM.

2.17 Inspector

"Inspector" is a person or persons who, under the direction of the Board of Directors or District Manager, shall inspect all water and sewer connections, main lines and appurtenances, service line joints and bedding, installations of and repairs to meters, construction of and repairs to the water or sewer system and facilities of the District, and Users and Industrial Users to ensure compliance with the Rules, Regulations, and Policies and construction standards.

2.18 Irrigation Account

An "Irrigation Account" is a separate metered "stand alone" account that is not associated with a structure, and for which no tap fees have been paid.

2.19 Mixed-Use Facility

A "Mixed-Use Facility" is a building containing one or more Residential Units, Accommodation Units, or Efficiency Units and one or more Commercial Units.

2.20 Multi-Unit Facility

A "Multi-Unit Facility" is a building containing two or more Residential Units, Accommodation Units, or Efficiency Units.

2.21 Permission to Connect

Permission to Connect is the written permission to connect to or to enlarge the connection to the water or sewer systems of the District pursuant to the Rules, Regulations, and Policies. Permission may be granted by the Board of Directors or District Manager, or authorized District representative.

2.22 Pollutant Discharge Regulations

"Pollutant Discharge Regulations" are additional regulations adopted as part of these Rules, Regulations, and Policies pertaining specifically to limits on direct and indirect contributions of toxic or hazardous substances to the wastewater collection and treatment system of the District. Compliance by customers is mandatory in accordance with applicable State and Federal laws.

2.23 Pretreatment Facilities

"Pretreatment Facilities" are structures, devices, or equipment owned and operated by a customer for the purpose of treating or removing any substances in the waste discharge which would be harmful to the District's sewer mains or to the sewage treatment works. This reduction or alteration can be obtained by physical, chemical, or biological processes; by process changes; or by other means, except by diluting the concentration of the pollutants unless allowed by an applicable Pretreatment Standard.

2.24 Private Main

"Private Main" is any sewer interceptor, collection line, or main line, or any water distribution line or main line that is connected to the District system but not owned or maintained by the District; Private Mains have not been accepted by the District. Generally, lines are designated as private if they do not conform to the specifications as enumerated in the Rules, Regulations, and Policies or construction standards. Lines may be considered private if it is not in the best interest of the District to accept the mains because of special and/or mitigating circumstances; or if the title of the mains cannot be transferred free and clear to the District.

2.25 Regulations Administrator

"Regulations Administrator" as used in these Rules, Regulations, and Policies is the individual who, under the direction of the Board of Directors or District Manager, is responsible to administrate and ensure compliance of these regulations.

2.26 Residential Unit

"Residential Unit" is one or more contiguous, habitable rooms designed, arranged, occupied, or intended to be occupied by one or more individuals living together as a household or one family. A Residential Unit has facilities for living, cooking, sleeping, or bathing, and is generally configured to provide an independent access. If areas within a building or house are designed or arranged with the capability for occupancy that is independent of the rest of the household, that area is classified as a separate Residential Unit. Other features that also may indicate Residential Unit are private telephone line, separate cable TV, lease contract, and unrelated third-party occupancy. Examples of a Residential Unit are: single family homes, condominiums, townhouses, duplexes, multiplexes, apartments, efficiencies, studio units, lock-offs, mobile homes, etc.

2.27 Rules, Regulations, and Policies

"Rules, Regulations, and Policies" are the formal Rules, Regulations, and Policies of the District which state the policy and procedures by which the water and sewer systems are operated. Rules, Regulations, and Policies also include all amendments and policies as set forth in the District minutes and resolutions.

2.28 Service Line

"Service Line" is any pipe, line, or conduit used or to be used (1) to provide water service from a water main or stub out to a building or (2) to provide sewer service from a building to a sewer interceptor, stub out, or collection line; whether the pipe, line, or conduit is connected or not. A water service line is owned and maintained by the District

from the tap on the District water main to the property line, edge of easement, or curb stop valve, whichever is closer to the water main. A water service line tapped onto a private main shall remain property of the customer. The water service line from the curb stop valve into the building is owned and maintained by the customer. A sewer service line is owned and maintained by the customer from the building to the District sewer interceptor, the sewer main line, or a private main. Water and sewer service lines constructed by the customer shall be in accordance with these Rules, Regulations, and Policies.

2.29 Sewer Main

"Sewer Main" is any sewer main line or sewer interceptor used as a conduit for sewage in the District's sewer system and is owned and maintained by the District. A sewer main line shall be sized in accordance with APPENDIX D - STANDARD SPECIFICATIONS FOR SEWER LINE CONSTRUCTION, unless otherwise approved by the Board of Directors.

2.30 Sewer System

"Sewer System" is a network of sewer collection lines, sewer interceptors, sewer main lines, wastewater treatment facilities, appurtenances, accessories, or portion thereof owned and maintained by the District. Sewer service lines or any portion therein and private sewer mains are not considered part of the District's sewer system.

2.31 Shall or May

Whenever "shall" is used herein, it shall be construed as a mandatory direction.

Whenever "may" is used herein, it shall be construed as a permissible, but not mandatory direction.

2.32 Single Family Equivalent

"Single Family Equivalent" (SFE) is a generic Residential Unit, the use of which is estimated to have an impact upon the water and/or sewer systems equal to that of the average single family (2.3 persons). One (1) SFE is up to 3,000 square feet.

2.33 Sprinkler Account

A "Sprinkler Account" is a separate metered account associated with a structure in which tap fees have been paid.

2.34 Sprinkler/Irrigation Ratio

A "Sprinkler/Irrigation Ratio" (SIR) is a measuring ratio used in calculating sprinkler and irrigation accounts service charge billing for tiered rates.

2.35 Stub Out

"Stub out" is a connection device or line which is connected to the water or sewer main line and which is intended to facilitate the connection of a service line to the water or sewer system, either directly to the main line or indirectly through a private main. A stub out extends only from the main to the property line.

2.36 Tap

"Tap" is the connection of the privately owned service line to the water or sewer system, either directly to a stub out or at the curb stop valve or the main line, or indirectly through a private main line.

2.37 Tap Fee

"Tap Fee" is the payment to the District of a fee for the privilege of connecting to the water or sewer system. The amount of tap fees is based on the particular use of the facility being connected. See Appendix A - Schedule of Fees and Charges.

2.38 Tiered Rate

A "Tiered Rate" structure is a billing method, broken out into tiers, whereby the charge per thousand gallons of consumption becomes progressively more expensive as more water is used.

2.39 Variance

A "variance" is the written authorization from the District or District staff to act in a manner not in strict compliance with District Rules, Regulations, and Policies, specifications, or policies. A variance may be granted at the sole discretion of the District on the basis of undue hardship, or otherwise, not self-imposed.

2.40 Wastewater System

"Wastewater System" is any network of wastewater main lines, wastewater treatment facilities, appurtenances, accessories, or portion thereof, owned and maintained by the District.

2.41 Water Main

"Water Main" is any distribution line or transmission line used as a conduit for water in the District's water system and is owned and maintained by the District. A water main shall be sized in accordance with APPENDIX C - STANDARD SPECIFICATIONS FOR WATER LINE CONSTRUCTION, unless otherwise approved by the Board of Directors.

2.42 Water Meter

"Water Meter" is defined as all components between the amended or flanged ends of the meter body. Gaskets and fittings are not considered part of a water meter.

2.43 Water System

"Water System" is any network of water main lines, water treatment facilities, appurtenances, accessories, or portion thereof owned and maintained by the District.

2.44 Any Other Term

Any other term not herein defined shall be as defined by the American Water Works Association (AWWA) and Wastewater Pollution Control Federation (WPCF). The use of singular may also refer to plural. The use of the masculine gender includes the feminine or neuter gender.

Article III - Liability and Ownership

3.1 Liability of District

The District shall not be liable or responsible for inadequate treatment or interruption of service brought about by circumstances beyond its control.

3.2 Condition Not Actionable

No claim for damage shall be allowed against the District by reason of the following conditions: blockage in the system causing the backup of sewage; damage caused by smoking of lines to determine connections to District lines; breakage of main lines; interruption of water or sewer service and the conditions resulting therefrom; damage from the breaking of any service or collection line, pipe, cock, or meter; failure of the water supply; shutting off or turning on water; installation of connections or extensions; damage caused by water running or escaping from open or defective faucets; burst service lines or breakage of other facilities not owned by the District; damage to water heaters, boilers, or other appliances resulting from shutting water off, or from turning it on, or from inadequate, excessive, or sporadic pressures; or from doing anything to the systems of the District deemed necessary by the Board of Directors or its agents.

3.3 Responsibility for Notification

The District has no responsibility to notify customers of any occurrence of the foregoing conditions.

3.4 Compliance with Industrial Pretreatment

The District has the authority to require all users (in District and out of District) to comply with the Pollutant Discharge Regulations (PDR) and the Industrial Pretreatment Program (IPP), to require compliance with pretreatment standards; to require monitoring and reporting; to issue notices of violation, compliance orders, cease and desist orders, administrative fines, emergency suspensions; and to seek judicial remedies for any uses as allowed under the PDR or IPP. The PDR and IPP are incorporated and adopted herein as APPENDIX E - POLLUTANT DISCHARGE REGULATIONS AND INDUSTRIAL PRETREATMENT PROGRAM, to these Rules, Regulations, and Policies.

3.5 Ownership of Facilities

All existing main lines and treatment works connected with and forming an integral part of the water or sewer system are the property of the District, unless a contract with customer provides otherwise. Ownership will remain valid whether the main lines and treatment works were constructed, financed, paid for, or otherwise acquired, by the District or by private parties. Transfer of ownership of main lines shall be in accordance with Section 6.3 Main Line Project Procedures for Developers. The developer is responsible for correction of construction deficiencies within the two-year warranty period. Exceptions to District ownership are private mains which specifically are not accepted by the District due to non-conformance to these Rules, Regulations, and Policies, the Standard Specifications for Water Line Construction, the Standard Specifications for Sewer Line Construction, and other approved standards of

construction. Private mains are designated when ownership title cannot be provided free and clear.

3.5.1 Ownership of Water Facilities

For water, the District owns and is responsible for the maintenance of the water service line up to and including the curb stop valve or the customer's property line or edge of easement, whichever is closer to the water main. The customer is responsible for the maintenance of the remaining portion of the service line serving his property. This principle of ownership shall not be changed by the fact that the District may construct, finance, pay for, repair, maintain, or otherwise affect the customer's service line.

3.5.2 Ownership of Sewer Facilities

For sewer, the entire service line from the building to the main line is the property of the customer who is responsible for its maintenance. This principle of ownership shall not be changed by the fact that the District may construct, finance, pay for, repair, maintain, or otherwise affect the customer's service line.

3.5.3 Ownership of Water Meter

Each water meter shall become and is the property of the District. Ownership shall remain valid whether the meter is installed, financed, paid for, repaired, or maintained by another person or whether the meter is located on a privately owned and maintained service line. The meter is defined as the meter body and components contained therein. Gaskets and fittings are not considered part of the meter.

3.5.4 Ownership of Lift Stations

A lift station associated with customer service lines shall be the property of the customer(s) served by such lift station. Maintenance of such lift station is the sole responsibility of customer(s) and shall not be the responsibility of the District.

3.5.5 Existence of Easements

An easement, whether recorded or not, and whether the main line is actually within a recorded easement, is deemed to exist if a customer is receiving and accepting service from a service line connected to a main line. The District shall have access over said easement to effect repairs, maintenance and replacement.

3.6 Conditions of Ownership

The customer's ownership of the service line shall not entitle the customer to make unauthorized uses of the District's systems or to make alterations to the service line and the system once the service line has been connected to a District main line. All connections to the District main lines must be completed by a District authorized service line installer. All uses or changes in use of the service line, any appurtenances thereto, or changes in use of the property served at any time after the initial connection to the District system shall be subject to these Rules, Regulations, and Policies.

Article IV - Operation and Maintenance of Water and Sewer Systems

4.1 Responsibilities of District

Except as otherwise provided by these Rules, Regulations, and Policies, the District is responsible for the operation and maintenance of the sewer and/or water systems in accordance with these Rules, Regulations, and Policies.

4.2 Design of Systems

Sewer systems must have adequate gravity drainage. Lift stations will not be accepted by the District without written permission from the District. Permission for the construction of lift stations must occur before construction plan approval occurs. Water systems must have adequate gravity fed finished water storage.

4.3 Use of Systems

Taps and service connections are approved for specific uses as stated on the water tap application and the sewer tap application. All connections to the District main lines must be completed by a District authorized service line installer. The Board of Directors or District Manager may request an inspection in accordance with Section 1.10 Authority to Inspect, to identify any unauthorized use for which the customer is subject to a fine in accordance with Section 1.11 Violators Fined.

4.3.1 Notice of Changes

The customer shall notify the District prior to any expansion or addition to the service or any change in the use of the property served by the District and upon any change of ownership of said property and upon any substantial change in sewage characteristics. Any such change in use which, in the opinion of the District, will increase the burden placed on the District's system by the customer shall require a redetermination of the tap fee and monthly service charge, and a payment by the customer of any additional tap fee and monthly service charge resulting from the redetermination. When an expansion or change in use occurs that results in additional fees due, a credit for the existing use shall be given. Tap fees based on the current rate for the specific use as stated in the original permit shall be credited against the redetermined tap fee so that only the unpaid portion of any redetermined tap fee shall be due. However, if the redetermination results in a conclusion that the tap fee, if assessed currently, would be in an amount less than the tap fee originally paid, the redetermined fee shall not result in a refund to the customer. For example, if a structure changes from two units to three units without expanding the square footage of the structure, the additional tap fees shall be calculated giving full credit to the two units and the square footage for which tap fees were previously paid or payable.

4.3.2 Inspection Required

Any customer believed to have changed equipment, service, or use of his property, in violation of this section, shall be notified of such belief by the District, and shall be afforded twenty (20) days from the date upon which the notice is mailed in which to

respond to the District's notice. Any response by the customer must include permission to make an inspection of the property as the District may deem necessary to establish clearly the nature of equipment, service and use of the property. Failure to respond may result in the District discontinuing service to the property.

4.3.3 Unauthorized Connection and Fees

No person shall be allowed to connect onto the sewer or water systems or to enlarge or otherwise change equipment, service, or use of property without prior payment of tap fees, approval of a permit for service, and adequate supervision and inspection of the tap by District employees. All connections to the District main lines must be completed by a District authorized service line installer. Any such connection, enlargement, or change without payment, approval, supervision, and inspection shall be deemed an unauthorized connection.

Any violation of this section shall result in the assessment of an unauthorized connection fee. The District shall take those steps authorized by these Rules, Regulations, and Policies and Colorado law regarding the collection of said fees.

Upon the discovery of any unauthorized connection, the then-current tap fee and accrued service charge, if any, shall become immediately due and payable, and the property shall automatically be assessed an additional unauthorized connection fee equal to the then-current tap fee per single family equivalent, as liquidated damages toward the District's costs associated with such unauthorized connections. The District shall send written notice to the customer benefited by such connection stating that an unauthorized connection has been made between the customer's property and the District facilities. The customer shall have twenty (20) days from the date the notice is mailed to pay the then-current tap fee and accrued service charges, if any. If not paid within this period, the District shall proceed in accordance with the provisions of Section 4.3.5 Revocation of Service.

4.3.4 Redetermination of Tap Fees

Following inspection, the District shall make a determination as to the change in the customer's equipment, service or use of the property in question, and shall redetermine any additional tap fees and service charges due. In the event the decision of the District is deemed unsatisfactory to the customer, the customer may present a complaint in accordance with ARTICLE IX - HEARING AND APPEAL PROCEDURES, of these Rules, Regulations, and Policies.

4.3.5 Revocation of Service

Service shall be revocable by the District upon non-payment of any valid fees or charges owed to the District. In the event of non-payment, the customer shall be given not less than twenty (20) days advance notice in writing of the revocation. The notice shall set forth:

1. The reason for the revocation;
2. That the customer has the right to contact the District, and the manner in which the

District may be contacted for the purpose of resolving the obligations; and
3. That there exists an opportunity for a hearing in accordance with ARTICLE IX - HEARING AND APPEAL PROCEDURES, of these Rules, Regulations, and Policies.

4.3.6 Suspended Service

When a building is moved or destroyed and/or the water and sewer services are suspended, the original tap authorization shall remain, provided that a written request is made to, and approved by the Board of Directors or District Manager.

When a service line is abandoned permanently, the customer shall valve the water supply off at the main line (corporation stop valve), and plug the sewer service connection at the main. If the customer is not responsive within a reasonable time period as determined by the Board of Directors or District Manager, the District will valve the water supply and plug the sewer service line. The cost shall be charged to the customer and a lien filed on the property. Variances to this requirement will be considered on a case-by-case basis.

4.4 Tampering with Systems

4.4.1 Unauthorized Use

No person shall uncover, alter, disturb, make any connection with, make an opening into, or backfill prior to inspection the water or sewer system without a written authorization from the District. Unauthorized uses of or tampering with the District's systems include, but are not limited to, change in customer's equipment, service or use of property, as defined in Section 4.3 Use of Systems; an unauthorized turn-on or turn-off of water service or a water main; burying valve boxes; modifying any water meter; and discharging prohibited sewage even though the same may be performed on a privately owned and maintained service line. All water use must be metered. Any unmetered use is considered to be unauthorized use, unless approved by the District.

4.4.2 Malicious Damage to System

No person shall maliciously, willfully, or negligently, break, damage, destroy, cover, uncover, deface, or tamper with any portion of the District's system.

4.4.3 Violators Prosecuted

Any person who shall violate the provisions of this Section 4.4 Tampering with Systems, shall be assessed a \$2,000 fine for each violation, and shall be prosecuted to the full extent of Colorado law for tampering or malicious damage to District property.

4.5 Use of Water System

4.5.1 Customer Responsibility

Each customer shall be responsible for all costs associated with the maintenance of the service line from the building to the curb stop, edge of easement or property line, whichever is closer to the main.

4.5.2 Turn-On/Turn-Off of Service

All routine turn-on and turn-off of water service at a curbside shall be performed only by District personnel. During emergencies, a customer may turn-off the water service at the curbside valve. The District shall be notified of the turn-off and the circumstances at the earliest time. Only District personnel shall turn-on the water service.

When initial service is provided and when the turn-off/turn-on service is performed for a customer requiring maintenance to his service line, a service fee will not be charged. In other circumstances the District shall assess a single turn-off/turn-on charge in the amount of \$50 for each turn-off and turn-on performed. In each case where turn-off of water service is caused by non-payment or late payment of service charges and fees, the turn-on service fee will be \$100. The service fee will be increased in increments of \$25 per instance of turn-on over a consecutive 12-month period. Payment of all charges and fees are required in full prior to turn-on of the water service. All other requests for a turn-off or turn-on of water service may be granted or denied by the District at the District's sole discretion.

The District will provide turn-on service for a tap for new construction only one time prior to the occupancy of the building served. At the time the water meter is set, service charges begin unless the District is requested to perform the turn-off. In this event the customer will be charged \$50 when service is turned on.

4.5.3 Water Meters

Meter sizes for all applications shall be determined by the District. All connections to the District's water system shall include a water meter. All water meters shall have devices for remote reading. The type of water meter and location of the meter shall be subject to the approval of the District and accessible for maintenance (see APPENDIX B - WATER AND SEWER SERVICE LINE CONSTRUCTION SPECIFICATIONS). The customer shall install the initial meter and the District shall have the right to test, remove, repair, or replace any and all water meters. Any meter not installed in accordance with District specifications shall be immediately replaced upon notification by the District. The customer shall be subject to a fine for illegal tampering of the water system. Each customer is responsible for notifying the District if his water meter is operating defectively. If any meter is suspected to be defective, the District shall diligently pursue repair or replacement of said meter at the District's expense unless the defect is a result of negligence or tampering by the customer. In this case the cost for repair or replacement shall be added to the service charge bill.

During the interim period prior to repair, the following procedure shall be enforced. The customer shall be given notice, by first-class mail, that the District suspects that the water meter is defective. The customer shall be given thirty (30) days in which to respond, which response shall include scheduling with the District an appointment for a meter inspection and replacement. If the customer fails to respond, the customer will be placed on the unmetered rate, effective with the following billing cycle. (See applicable District's Appendix A for unmetered rate.)

The customer shall be given a second notice, by first-class mail, that the District suspects that the water meter is defective. The customer shall be given thirty (30) days in which to respond to the second notice, which response shall include scheduling an appointment for a meter inspection and replacement. If the customer fails to respond to the second notice, the District may disconnect the water service and charge the customer the base water rate and unmetered sewer rate while the service is disconnected. Service will be restored only upon payment of all fees and repair of the water meter. (See applicable District's Appendix A for base rate.)

4.5.4 Pressure Reducing Valve

A pressure-reducing valve (PRV) may be required at the discretion of the Board of Directors or District Manager in service lines upstream of the water meter, ensuring that the water meter and the building plumbing system, including any fire sprinkler system, are protected from fluctuating water main pressures. The pressure setting of the PRV shall not exceed 200 psi without written permission from the District.

4.5.5 Stop and Waste Type Valve

Stop and waste type valves are permitted only with the installation of an approved backflow prevention device. When closed, this type valve permits groundwater contamination of the service line. The customer is responsible for burying the service line with sufficient cover to prevent freezing, typically six feet of cover.

4.5.6 Repair of Service Line

Leaks, breaks and general maintenance of the water service line shall be the responsibility of the customer. The customer shall be given notice by first-class mail, that the water service line is defective and in need of repair. Customer shall institute repair or maintenance immediately. If satisfactory progress toward repairing the service line has not been completed in a timely manner or the District determines that environmental or property damage is being caused, the District shall shut off the water service until the service line has been repaired. In addition, the District shall have the right to effect the repair, and the costs therefore shall constitute a lien on the property as provided for by C.R.S., 32-1-1001.

4.5.7 Safety Devices

Each customer having boilers and/or other appliances which depend on pressure or water in pipes, or on a continual supply of water, shall provide, at his own expense, suitable safety device to protect himself and his property against a stoppage of water supply or loss of pressure. The District expressly disclaims any liability or responsibility for any damage resulting from a customer's failure to provide such appropriate protection.

4.5.8 Fire Hydrants

It is unlawful for any person to operate District valves or fire hydrants. Law enforcement officers, personnel of the District, or personnel of a fire department are authorized to confiscate any hydrant wrench or valve shut-off key found to be used without written District authorization. Any violation shall be considered "Unauthorized Use" and will be subject to all fines and fees therein.

4.5.9 Clearances Around Hydrants

No landscaping, retaining walls, or buildings may obstruct the access to fire hydrants. Minimum clearances must be maintained around fire hydrants to facilitate their use. Customers are responsible to maintain a seven-foot (7') clearance on either side (where 2" connectors are located), four-foot (4') clearance (including landscaping, retaining walls) on back, ten-foot (10') clearance in front (where steamer connection is located), and twenty-five-foot (25') clearance above all fire hydrants. The breakaway collar must be six inches (6") above the finished grade.

4.5.10 Fire Hydrant Meter

Fire hydrant meters are allowed to be used by special permit. Only District personnel are allowed to install and remove fire hydrant meters unless a written variance is issued. The customer will be subject to a penalty if he attempts to install or remove a fire hydrant meter. The customer is responsible for any damage, including vandalism or freezing, to fire hydrants or fire hydrant meters. The customer is responsible to provide adequate protection when freezing may occur. (See applicable District's Appendix A for deposit, installation, relocation, and user fees.)

Fire hydrant water shall not be used for drinking purposes or irrigation.

4.6 Water Use Restrictions

The District is responsible for protecting an adequate supply of water to its consumers. The District recognizes that certain conditions may exist when water supply is temporarily limited. At the sole discretion of the Board, this Section 4.6 Water Use Restrictions, will go into effect for limited periods of time.

4.6.1 Waste

Water shall be used only for beneficial purposes and shall not be wasted. Any instance of flagrant runoff or waste will be considered a violation of these Water Use Restrictions and subject to the penalties provided for in Section 4.6.5 Violations. Water for irrigation of lawns and other outside uses shall be used pursuant to regulations of the District.

4.6.2 Restrictions of Use

If conditions of supply so limit the water supply of the District's water system that unrestricted water use may endanger the adequacy of that supply, the Board of Directors, exercising its discretion in the protection of the public health, safety, and welfare, may, by resolution, adopt the following emergency water use restrictions and such additional regulations and restrictions as are reasonably calculated under all conditions to conserve and protect that supply and to insure a regular flow of water through the system. Emergency water use regulations and restrictions shall remain in force and effect until the Board determines that the conditions requiring their imposition no longer exist.

4.6.3 Remedies for Unauthorized Use

Any unauthorized use of water shall be paid for at the same rate as if that use had been authorized together with the costs incurred by the District in discovering and collecting for the unauthorized use. Such payments shall not in any way affect the right of the

District to disconnect or suspend water service to any customer for unauthorized use, or to charge additional penalties or pursue such other remedies as may be authorized by law or approved by the Board of Directors of the District; nor shall it affect any criminal liability which may have attached by reason of such authorized use.

4.6.4 Seals and Detection Devices

The District may require that seals be attached to any water using system in or about a customer's premises in order to detect any unauthorized use of water from that system. If necessary, the District may also require that mechanical devices be attached to any water using system in or upon a customer's premises in order to detect any unauthorized use of water from such system. Such mechanical devices may be inspected on behalf of the District at any reasonable time.

4.6.5 Violations

The violation of any water use regulation or restriction or waste of water shall be considered grounds for the disconnection or suspension of water service to any customer, premises, building or water facility. The customer using the premises, building, or facility shall be responsible for complying with the regulations and/or restrictions and violators of said regulations and/or restrictions will be subject to fines imposed by the District and possible disconnection or suspension of water service.

4.6.6 Special Permits

The District may issue special permits as required for exceptions to water use regulations.

4.7 Use of Sewer System

4.7.1 Customer Responsibility

Each customer shall be responsible for all costs associated with the maintenance of the service line from the building to the sewer interceptor or sewer main.

4.7.2 Sewer Service Lines

Each customer shall be responsible for the total cost of constructing and maintaining the entire length of the sewer service line serving his property and/or any related service facilities, including but not limited to, private lift stations.

4.7.3 Repair of Service Lines

Leaks, breaks and general maintenance of the sewer service line shall be the responsibility of the property owner. The customer shall be given notice by first-class mail, that the sewer service line is defective and in need of repair. Customer shall institute repair or maintenance immediately. If satisfactory progress toward repairing the sewer service line has not been completed in a timely manner, or the District determines that environmental or property damage is being caused, the Board of Directors or District Manager shall shut off the water service until the sewer service line has been repaired. In

addition, the District shall have the right to effect the repair. The cost therefore shall constitute a lien on the property of the customer as provided for by C.R.S., 32-1-1001.

4.7.4 Prohibited Discharges

No person shall discharge, or cause to be discharged, any storm water, surface water, groundwater, roof runoff, subsurface drainage, metal sludge, toxic matter, hazardous material, ignitable material, unprocessed industrial wastes to any sanitary sewer, or any other prohibited discharges listed in APPENDIX E - POLLUTANT DISCHARGE REGULATIONS AND INDUSTRIAL PRETREATMENT PROGRAM.

4.7.5 Pollutant Discharge Regulations and Industrial Pretreatment Program

All District users are required to comply with the pretreatment requirements pursuant to the PDR and IPP. The Pollutant Discharge Regulations and Industrial Pretreatment Program are contained in APPENDIX E - POLLUTANT DISCHARGE REGULATIONS AND INDUSTRIAL PRETREATMENT PROGRAM.

Notwithstanding the provisions of Section 1.7 Waiver, Suspension, or Modification of Rules, no waiver, suspension or modification is authorized of these Rules, Regulations, and Policies or the PDR and IPP as they apply to Categorical Treatment Standards, for approved local limits for toxic pollutants, and to federally required general prohibitions.

It shall be unlawful to discharge any silver or mercury containing sewage, except for certain "de-minimus" discharges, which have been approved by the District's Regulation Administrator. The intent is to prevent any addition of silver and/or mercury to the sewage. It is recognized that minimal background levels of silver or mercury may exist in the User's supplied tap water, and the User is not responsible for removing these inputs prior to discharge. For purposes of this section, "de-minimus" discharges are defined as discharges containing extremely small (as determined by the District) mass loads of silver and mercury, which have a negligible effect on the waste water treatment facility and its ability to comply with silver and mercury effluent limits, and which would be technically and economically difficult to prevent from entering the wastewater system. The burden shall be on the User to justify the necessity and basis for the issuance of approval of "de-minimus" status.

4.7.6 Pretreatment Facilities

Where necessary, in accordance with the PDR and IPP, the customer shall provide, at his expense, such pretreatment facilities as may be necessary to treat special sewage prior to discharge to the sewer main. Such facilities shall be maintained continuously in satisfactory and effective operation by the customer, at his expense.

4.7.7 Control Manhole

When required by the District, any customer served by a service line carrying special sewage shall install and maintain, at his expense, a suitable control manhole in the service line to facilitate observation, sampling, and measurement of the wastes. A control manhole on the sewer service line for monitoring sewage will be required for all restaurants and bakeries. All measurements, tests, and analyses of the characteristics of

special sewage waters and wastes shall be determined in accordance with the PDR and IPP. Measurements and tests shall be determined at the control manhole, or upon suitable samples taken at the control manhole. In the event that no special manhole has been required or installed, the District should specify an appropriate sampling point.

4.7.8 Grease Traps

A grease trap will be required for all restaurants and bakeries due to their sewage having an adverse grease impact on the District's system. The grease trap shall be sized in accordance with the most recent Uniform Plumbing Code and installed by the customer. Because of the characteristics of the sewage discharge from the grease trap, special consideration should be given to the design of the outfall line in order to prevent freezing. Grease traps shall be maintained by the customer on a regularly scheduled basis to ensure proper operation. The District has the authority to inspect grease traps and review and copy operating records to ensure that proper maintenance is being performed. Chemicals that have an adverse effect on the District sewer system are prohibited from use for dissolving grease.

If at a later time the District determines that the sewage contains grease having an adverse effect on the sewer system, the customer will be required to install a larger grease trap within 90 days of official notification.

Failure to comply with the provisions of this section may result in the District performing the cleaning of the grease trap with all costs billed to the customer and/or a lien filed on the property and may result in disconnection of water service.

4.7.9 Sewer Main Access Easements

Any landscaping improvements shall be precluded from easements that are expressly designated and granted and upon which an access platform has been constructed, and which route is necessary to serve as the only access to District facilities. Examples of such improvements may include but are not limited to trees, berms, bushes, rock walls, and any landscaping or improvements that would inhibit the District's access to and along the access easement.

4.8 Line Locations

Upon request of a customer, the District will attempt to locate and mark all water and sewer lines to the best of its ability by using available information. Basic line locations will be made free of charge, but the District will not accept financial liability to any party for any costs incurred as a result of an inaccurate location.

Article V - Application for Service

5.1 Service Areas

5.1.1 Service Within District Boundary

Water system and/or sewer system service will be furnished in accordance with the District's Rules, Regulations, and Policies to property included within and subject to the Rules, Regulations, and Policies of and taxation by the District.

5.1.2 Ability to Serve Letter

Ability to Serve letters for new projects shall be issued only upon proof of inclusion into appropriate District boundaries, submission of review fee deposit as estimated by District staff, and full payment of cash-in-lieu of water rights or water rights dedication. The finding of compliance with the necessary criteria and ultimate issuance of the Ability to Serve letter shall be at the sole discretion of the District. Prior to issuance of the Ability to Serve letter, no connections to the District's system shall occur.

5.1.3 Inclusions

A person who desires service and who owns land both within and outside the boundaries of the District, must include all of his land outside the District which is serviceable by the system and is contiguous to the parcel on which service is desired. A formal request for inclusion within the District shall be made to the District, on its standard form, by the applicant, accompanied by a non-refundable payment of \$1,000 for legal fees and the estimated cost of processing the application for inclusion. Any additional costs or legal fees that may occur shall be assessed and paid prior to approval of inclusion by the Board. Until paid, such additional costs and fees shall be a lien upon the property.

5.1.4 Not Used

5.1.5 Water Dedication Policy Summary (District)

Any request for water service for: (1) uses in areas outside the District's service area; or (2) expanded water uses within the District's service area shall be subject to the District's water dedication policy, approved by Resolution attached hereto. The District's policy requires the dedication of water rights equal to 120 percent of the need of the proposed uses, or at the District's discretion, payment of cash-in-lieu of such water rights at the current rate set by the District. The party requesting service must provide evidence acceptable to the District regarding the amount of water required by the proposed use. The complete requirements for water dedication are set forth in the Resolution.

5.1.6 Treated Water Storage Requirements

It shall be the policy of the District to require an owner of property and an owner of property changing the zoning of a property already within the District to provide treated water storage adequate to meet the needs of the properties, or at the option of the District to pay a fee in lieu of providing new treated water storage. See Appendix F.

5.1.7 Service Outside District Boundary

No water system and/or sewer system service shall be provided to property exclusively outside of the District, except upon the express written consent of the Board. Charges for furnishing service outside of the District shall be at the discretion of the Board. The charge for service furnished shall equal at least the cost of service, plus the estimated property tax and tap fees for which such property would be responsible if it were a part of the District. In every case where the District furnishes service to property outside the District, the District reserves the right to discontinue the service when, in the judgment of the Board of Directors, it is in the best interest of the District to do so.

5.2 Application for Service

5.2.1 Forms and Fees

Application for water and/or sewer service must be furnished to the District and accompanied by appropriate fees. A connection to the system shall be made only by District personnel upon authorized approval of the permit and a receipt indicating payment of all fees.

5.2.2 Tap Information Required

All information requested on the tap application must be completed. A site plan or improvement plan showing the location of the building relative to property lines, utility lines, curb stop valve box location, and all easements shall be provided for the tap application. A copy of the building permit, and a copy of the building floor plan shall be provided for the tap application. The building floor plan shall indicate the location of the water meter, and the remote reading device. For commercial applications, the District will require an Engineer's or Architect's assessment of the meter size necessary to serve the commercial and irrigation fixtures involved. The meter size is to be determined by the fixture count assessment according to the Uniform Plumbing Code.

5.2.3 Reassessment of Tap Fees

Should any information disclosed on the application prove at any time to be false, or should the applicant omit any information, the District shall have the right to: reassess the tap fee originally charged to the rate current at the time of discovery by the District of the false or omitted information, and/or disconnect the service in question, and/or back-charge the property in question for tap fees and service fees that may be due and owed, and/or charge any other additional fee or penalty specified in these Rules, Regulations, and Policies. Any reassessment, penalties, or other additional fees charged, with interest at the maximum legal rate on the entire balance upon and from the date of the original application, shall be due and payable immediately.

Should the metered consumption, documented sewage criteria, or approved usage exceed the conditions upon which the original tap fees were paid, the District reserves the right to reassess the tap fees originally charged to the rate current at the time of discovery by the District.

5.2.4 Winter Taps

During the winter months (October 15 to April 15), taps may be made by appointment, at the District's sole discretion, provided that the tap location is heated or protected from freezing.

5.3 Special Conditions

5.3.1 Lawn Irrigation System

A lawn sprinkler or irrigation system must be metered. If a lawn sprinkler or irrigation system is to be installed as part of the property development, this system may be independent of any commercial, domestic, or industrial uses and may be separately metered. The connection of the lawn sprinkler or irrigation system shall be inspected by the District prior to use. As dictated by the State of Colorado, all lawn irrigation systems must have a reduced pressure principle backflow prevention device installed on the system.

5.4 Conditional Service

The District reserves the right to issue a notice of conditional service against the property title where a condition(s) exists which is not in compliance with District Rules, Regulations, and Policies, but water and/or sewer service to the property may continue. The notice will provide that as a condition of receiving service the customer agrees to indemnify and hold the District harmless for any damage resulting from existence of the condition. Examples are connection to private mains not owned or maintained by the District, lack of easements for access and maintenance, and construction not in accordance with District specifications.

5.5 Denial of Service

The District reserves the exclusive right to deny application for service when, in the opinion of the District, the service applied for would create an excessive seasonal or other demand on the facilities. Denial may also be based upon an unresolved obligation between the District and the applicant, inadequate documentation of easements for main lines serving the property, or any other reason as determined by the District.

5.6 Cancellation of Permit

The District reserves the right to revoke any prior approval of a permit before service has been provided, and the right to revoke service after it has commenced for any violation of these Rules, Regulations, and Policies.

5.6.1 Revocation of Tap Rights

The right to connect to the District's system and to receive services under Section 4.3 Use of Systems, shall be revocable by the District upon non-payment of any fees owed to the District and remaining unpaid for a period of thirty (30) days, whether or not the customer owning the right to connect has actually connected to the District's system. Such revocations shall be conducted in accordance with the procedures outlined in Section 4.3.5 Revocation of Service. If the right to connect to the District's system is revoked, the customer may reacquire such tap rights by reapplying for service in

accordance with Section 5.2 Application for Service. The reapplication will be considered only after payment of all fees due and owed the District and the current tap fees charged by the District under these Rules, Regulations, and Policies.

Article VI - Main Line Extensions

6.1 Main Line Extension by the District

The District may construct any main line if the Board deems it in the best interest of the District to do so. All main line extensions, which are so authorized, shall be bid competitively, when required by state law, and contract awarded under the authority of the Board. The contractor installing the main lines shall be responsible to the Board. The ORC shall supervise construction activity and coordinate all matters pertaining to the completion of the subject project, including permits, easements, material approvals, site inspection, acceptance, payments to the contractor, and field verify the as-built drawings. As-built data shall be provided in a digital format as per District specifications.

6.1.1 Performance Payment and Warranty Bonds

Pursuant to C.R.S., Section 38-26-105 and -106, as amended, performance, payment and warranty bonds equal to the contract price at a minimum shall be furnished to the District by the contractor on all contracts with the District. All main lines, constructed in compliance with the contract specifications and District acceptance procedures, shall be accepted by the District upon completion of construction, subject to a two-year warranty period. Any defective work identified during the warranty period shall be promptly corrected by the contractor, without cost to the District. All daily inspection fees for warranty work required by any governmental authority, including the District, shall be paid by the contractor.

6.1.2 Acceptance Procedures

Before the main lines are accepted by the District, the following procedures shall be completed by the contractor or applicant. The contractor or applicant shall certify the main lines and all appurtenances are free and clear of all liens and encumbrances; furnish to the District a warranty bond to cover all maintenance for two (2) years from the date of construction acceptance of the main lines by the District; provide the District digital field verified as-built drawings of all facilities constructed, including but not limited to easements, water valve locations, fire hydrant locations, water stub out locations, data on storage tanks, data on pumps, sewer stub out locations, coordinates of manholes, rim and invert elevations; provide inspection and test results; provide digital copy of all computer information available as per District specifications; and provide maintenance, operating, and parts manuals. District personnel shall be present for all pressure tests on water main lines plus any other tests as deemed necessary. All sewer main lines shall be televised and a copy of the televised tape and cut sheets shall be submitted to the District prior to final acceptance.

6.2 Main Line Extensions by Developers

The District has no obligation to extend any main line. At the discretion of the District, the District may permit an applicant to construct, at the sole expense of the applicant,

water and/or sewer main lines prior to their construction by the District. The applicant shall request intent to provide service from the District and subsequently enter into a written main line extension agreement with the District prior to proceeding with any contraction.

6.2.1 Locations of Main Line Extensions

Main lines shall be installed in road or street rights-of-way, as well as in easements granted to the District. Where required main lines must cross land not being subdivided or where such land is under the applicant's control for the granting of public rights-of-way, each applicant who desires service will, in consultation with and with the approval of the District, plat and grant to the District appropriate rights-of-way and easements in which main lines will be constructed.

6.2.2 Sewer Collection Lines

Sewer collection lines shall be designed and constructed to provide a means of access by District personnel using existing District equipment and capability for maintenance, flushing, and inspection. Lift stations are not allowed in District sewer collection systems, except by specific written approval by the District.

6.3 Main Line Project Procedures for Developers

6.3.1 Letter of Intent

During the concept design of a development which requires the construction of water or sewer main lines, the developer shall request the respective District to provide a letter expressing the intent to provide service. The developer's request shall include data on the number and type of residential, commercial or individual facilities, any irrigation systems, and other activities that would have an impact on water or sewer use. The request letter shall contain a description of water rights owned by the developer and a plan indicating the proposed development of the site. The District will analyze its ability to provide water and/or sewer service to the site. This analysis will determine the adequacy of existing distribution and/or collection system capability and the need to increase the capacity of any existing lines, equipment, or facilities. The analysis will also determine the need to oversize lines in the development site for anticipated future service needs. The District will provide a formal intent to serve the development site and include any conditions deemed appropriate. This letter of intent to serve should be available to the County Planning Commission and an incorporated town planning committee.

6.3.2 Oversizing Main Lines

Based on District estimates of future growth and use of a main line, the applicant shall construct oversized main line extensions as required by the District, at the District's expense for the incremental cost of the oversized line. The District shall recover the cost of oversizing, including reasonable interest, by connection of future service users or future main line extensions.

6.3.3 Application for Approval

All applicants desiring to construct a main line within the District shall submit a formal

application to the District. This application shall contain a legal description of the property to be served by the main line, the estimated number of service taps to be served, the type of structures, the use of the property, the easements to be conveyed, the detail construction plans and specifications for that extension, and any other information reasonably required by the District. Within a reasonable time, the District staff and consultants shall review the easements, plans, and specifications for conformance to District, county, and state specifications; submit the recommended plans, with appropriate documentation to the District for overall review, and recommend construction plan approval. If cost recovery is applicable, a Cost Recovery Agreement must be concluded in accordance with Section 6.4 Cost Recovery. Two sets of documents marked "Approved" by the District shall be returned to the applicant. The cost of such review for compliance shall be borne by the applicant.

6.3.4 Deposits with the District

Prior to the main line extension approval by the District, the applicant shall deposit with the District an amount sufficient to compensate the District for engineering fees, legal fees, and other costs anticipated to be incurred by the District as a result of the application and the construction of the main line. All reasonable inspection costs conducted by any governmental agency, including the District, shall be paid by applicant.

6.3.5 Acceptance of Main Lines

When construction of the main line is completed, the applicant shall notify the District and provide one set of District approved documents which has been marked to reflect field verified as-built conditions. The District will then inspect the main line, equipment, special structures, and easements for conformance to the approved requirements.

Applicants who have completed construction and District inspection of main lines shall, before the main lines are accepted by the District, deed the main lines and appurtenances to the District free and clear of all liens and encumbrances, and furnish to the District a warranty bond for a two-year (2) period from the date of acceptance of the main lines by the District. Prior to the acceptance of the main lines by the District, the applicant shall provide the District with:

1. Legally recorded documents of all easements accompanying the main lines;
2. One set of four mil Mylar, field-verified as-built drawings;
3. One disk of spatial data in digital format as specified by District specifications;
4. Three (3) sets of all operation, maintenance, and part manuals for all electrical and mechanical equipment provided by the contract; and
5. A certified statement of the costs of the main lines.

No taps may be made onto the main line until Construction Acceptance has been granted by the District in writing, or by special written permission with the District.

6.4 Cost Recovery

The cost recovery contract policies and procedures of the District for water main extensions shall be coordinated through the Board of Directors.

Article VII - Cross Connection Control

7.1 Cross-Connection Control Authority

The authority to implement and maintain this backflow and cross-connection control program is contained in the following legislative actions:

7.1.1 Colorado Revised Statutes (CRS), Section 25-1-114 and 25-1-114.1.

7.1.2 Colorado Primary Drinking Water Regulations (CPDWR), Article 12, Control of Hazardous Cross-Connections

7.1.3 Louviers Water & Sanitation District (District) Rules, Regulations, and Policies

7.1.4 Colorado Plumbing Code.

7.1.5 Uniform Plumbing Code of the International Plumbing and Mechanical Officials / International Plumbing Code.

7.1.6 Uniform Swimming Pool and Mineral Bath Regulations.

7.1.7 Uniform Solar Code

7.2 Reference Manuals Adopted for Guidelines on Cross-Connection Control

7.2.1 Cross-Connection Control Manual, Colorado Department of Public Health and Environment, latest edition.

7.2.2 Definitions of terms used in this regulation are contained in the Cross-Connection Control Manual, Colorado Department of Public Health and Environment, latest edition.

7.3 General Requirements

All building plans must be submitted to the local plumbing official and approved prior to issuance of water service. Building plans must comply with the following:

7.3.1 Approved backflow prevention assemblies shall be installed on all commercial, industrial, and mixed usage properties, and fire sprinkler systems to protect the domestic water system from potential cross-connection contamination.

7.3.2 By law, residential properties are required to have backflow prevention assemblies. If the residential property does not contain hazards to the public water supply, which hazards include, but are not limited to, home photo labs, solar power systems connected to the potable water system, and auxiliary wells, the District does not require Device Inspection Reports. LWSD has a Cross Connection pla posted on the website.

7.3.3 Approved backflow prevention assemblies that provide containment shall be installed on all new service connections, and shall be located downstream from the meter, prior to any other connection.

7.3.4 The District requires that all building plans for new construction or remodels that involve plumbing be submitted to the District for review and approval prior to construction.

7.3.5 All backflow prevention assemblies required in Paragraph 7.3.1 shall be tested at the time of installation and annually thereafter. Test results must be submitted to the District on the District's form and all information on the form must be completed and legible. Testing of devices must be performed by a Backflow Prevention Assembly Tester, with a current and valid certification, recognized by the District.

7.3.6 Backflow prevention assemblies installed on fire sprinkler systems must meet the requirements of the local Fire Department and shall be Reduced Pressure Assemblies that provide full containment or isolation when the systems contain glycol. The reduction of pressure through these devices must be incorporated into the design of the fire sprinkler system.

7.3.7 Backflow prevention assemblies shall only be installed by a Master Plumber or by a licensed plumber or Cross-Connection Control Technician working directly under the supervision and authority of a Licensed Master Plumber. Double check type backflow prevention assemblies shall not be permitted on systems containing glycol.

7.3.8 Single Check Valves are not considered backflow prevention assemblies and shall not be permitted within the service area of the District.

7.3.9 The District reserves the right to require the replacement or modification of any backflow prevention assembly that the District's Cross-Connection Technician deems to present a potential hazard to the domestic water system.

7.3.10 Backflow prevention assembly valves are not to be used as the inlet or outlet valve of the water meter. Test cocks are not to be used as supply connections.

7.3.11 All costs for the design, installation, maintenance, repair, and testing of backflow prevention assemblies shall be borne by the customer.

7.3.12 The District shall have the right of entry to inspect any and all buildings and premises for cross connections relative to possible hazards, or to verify proper installation, testing, or repair of backflow prevention assemblies.

7.3.13 No grandfather clause exists. All Rules, Regulations, and Laws apply regardless of the age of the property or the service connection.

7.3.14 The District may discontinue service of water to any property, if an unprotected cross connection exists on such property that poses a significant risk to the domestic water system. Failure of a property owner to comply after proper notice in writing by the District, pertaining to the installation, maintenance, testing, repair, relocation, or inspection of a backflow prevention assembly may result in the disconnection of water service. Water service to a property may not be disconnected if the customer installs an approved air gap to separate any hazardous condition from the public water system. If disconnection of a water service is not feasible, the District has the authority to fine property owners an amount not to exceed \$500 per day for any or all days the connection is out of compliance.

Article VIII - Rates and Charges

8.1 General

The information contained in this Article is pertinent to all charges of whatever nature to be levied for the provision of sewer and/or water services. The rates and charges as established in Appendix A are in effect at this time, and shall remain in effect until modified by the individual District Board of Directors under the provisions of these Rules, Regulations, and Policies, and under the applicable statutes of the State of Colorado. Nothing contained herein shall limit the individual District from modifying rates and charges, or from modifying any classification.

8.2 Application of this Article

The rates, charges, and other information apply to customers inside the District, and shall not obligate the District with respect to services provided outside the District boundaries.

8.3 Standards of Consumption

For the purpose of levying fair, reasonable, uniform, and equitable charges, the classifications and related definitions are as defined in ARTICLE II - DEFINITIONS. The following additional conditions are used in rate and service charge applications.

8.4 Classification of Customers

For the purpose of levying fair, reasonable, uniform, and equitable charges, the classifications and related definitions are as defined in ARTICLE II - DEFINITIONS. The following additional conditions are used in rate and service charge applications.

8.4.1 Prepaid Tap Fees

Tap fees may be paid and tap fee applications issued anytime in advance of connection, in which case the commencement of service charges shall be governed by Section 4.5.2 Turn-On/Turn-Off of Service. No refund of tap fees will be paid. Please refer to Section 5.2.2 Tap Information Required.

8.4.2 Factors and Usage

The fees and charges reflected in Appendix A for the applicable District are based upon recovery of cost requirements, factors of usage and physical conditions of plant and line structure.

8.4.3 Disputed Tap Application

If a dispute arises between the District and the applicant regarding the calculation of tap fees or the nature and use of the structure as it applies to Appendix A, the dispute will be settled in accordance with ARTICLE IX - HEARING AND APPEAL PROCEDURES.

8.5 Transfer of Tap Fees

Any approval of a request for a transfer of tap fees shall be in the sole discretion of the District. No tap fee paid on behalf of one property, or any portion thereof, may be transferred to any other property except under the following conditions:

1. The customer requesting the transfer is the common customer of the property for which the tap fee has been paid and the property to which the transfer of the tap fee, or portion thereof, is being requested. Both properties must be in the same District.
2. The customer requesting the transfer has no outstanding unpaid accounts with the District and has previously maintained good credit with the District.
3. The property to which the tap fee initially applied has never been connected to the District's system.
4. The customer requesting the transfer shall pay to the District the difference between the tap fee which would be charged on the date the transfer is requested for the property to which transfer is being sought, and the tap fee previously paid. In no event shall the District make a credit or refund. In the event a customer transfers only a portion of the total sum previously paid as a tap fee, the customer shall retain a credit for any non-transferred portion of the previously paid fee.

8.6 Service Charge

Service charges shall be as reflected in the Appendix A - Schedule of Fees and Charges. Service charges will begin when water service is turned on to the building.

Monthly service charges shall be suspended during any month(s) in which service through a newly constructed tap to a building prior to its occupancy has been turned off in accordance with Section 4.5.2 Turn-On/Turn-Off of Service. Service charges do not cease even if water turn off has occurred due to non-payment of monthly service charges, or for any other reason.

8.7 Amended Tap Fees

In those situations where a prospective user applies for a permit for service to a structure or use not defined in Section 8.4 Classification of Customers; or where, in the District's opinion, the structure represents a classification not contemplated in the establishment of the previously defined tap fee, the District shall establish a fair, reasonable, and equitable tap fee for the property.

8.8 Amended Service Charges

In those situations where, in the Board of Directors or District Manager's sole discretion, the service charges shown in Appendix A do not represent a fair, reasonable, and equitable charge for the intended use, the Board of Directors or District Manager may adjust the rates.

8.9 Payment of Service Charges

The policy of the District is to bill water and sewer service charges on a bi-monthly basis.

When a condominium or homeowners' association exists for a number of units receiving service from the District, the association shall receive one invoice per meter. The District will not bill individual customers within a multi-unit project without separate meters,

curb stops, shut-off valves, and services lines. The District shall have the right to issue only one bill for a multi-unit structure or development. Any structure serviced by a single service line with more than one Residential Unit which are not separately metered, shall establish one responsible party for water and sewer bills.

The customer shall pay to the District on the due date the full amount of that statement. If the customer believes the billing statement is in error, the customer must file a notice to the District of the presumed error, and request a clarification from the District. Upon review by the District and resubmittal and/or revision of the statement, payment shall be due no later than fifteen (15) days from the billing date of the resubmitted statement.

8.10 Penalty for Late Payment Any time a customer is delinquent in payment (has an outstanding balance past the due date) of any charges due the District, the District shall assess a \$15.00 (fifteen) penalty per month. The District shall further have the right, in its sole discretion, to terminate service to any customer who becomes thirty (30) days or more delinquent in payment for scheduled services; termination of service will follow the opportunity for a hearing as outlined in ARTICLE IX - HEARING AND APPEAL PROCEDURES.

The District shall assess to any customer who is late in payment of his account, all legal, court, disconnection, and other costs necessary to or incidental to the collection of the account.

Until paid, all such fees, rates, penalties, or charges shall constitute a perpetual lien on the property served. Any such lien may be foreclosed in the same manner as provided by the laws of Colorado for the foreclosure of mechanics' liens.

8.11 Foreclosure Proceedings/Attorney's Fees

After other efforts (letters, posted notices) to collect delinquent payments of any fee or charge imposed by the District under these Rules, Regulations, and Policies and/or Colorado law are exhausted, the District may initiate foreclosure proceedings as provided for by C.R.S., Section 32-1-1001(l)(j), as amended. In the event the District shall commence a foreclosure proceeding to collect any payments due and payable to the District, the party being foreclosed shall be charged all costs incurred in connection with the foreclosure proceedings including, but not limited to, reasonable attorney's fees which the court shall tax as a part of the costs of the proceedings. In the event payment is made by the customer prior to the foreclosure sale, the attorney's fees and all other fees outstanding against the account and relating to the subject property, must be paid as a precondition to the resumption of service to the property.

8.12 Certification of Amounts to County Treasurer

In addition to any other means of collecting delinquent fees, rates, tolls, penalties, charges, or assessments made or levied solely for water, sewer, or water and sewer services (including charges for availability of such service), the District may certify the delinquent amounts the County Treasurer for collection in the same manner as property taxes, in accordance with the provisions of statute C.R.S., 32-1-1101(e), as amended. The

District and County Treasurer shall charge a fee for the administrative costs of this collection method. This fee shall be added to all delinquent amounts, including other penalties and interest charges, before certification

Article IX - Hearing and Appeals Procedures

9.1 Application

The hearing and appeal procedures established by this Article shall apply to all complaints concerning the interpretation, application, or enforcement of the Rules, Regulations, and Policies of the District, and contracts related thereto, as they now exist or may hereafter be amended. The hearing and appeal procedures established by this Article shall not apply to the following complaints:

1. Complaints that arise with regard to personnel matters. These complaints shall be governed exclusively by the District's personnel rules.
2. Any other complaint which does not concern the interpretation, application, or enforcement of the Rules, Regulations, and Policies of the District, or contracts related thereto.

9.2 Initial Complaint Resolution

Complaints concerning the interpretation, application, or enforcement of Rules, Regulations, and Policies of the District must be presented to the Board of Directors or District Manager, or his designated representative. Upon receipt of a complaint, the Board of Directors or District Manager or his representative shall make a full and complete review of the allegations contained in the complaint, and shall take such action and/or make such determination as may be warranted. The complainant shall be notified of the action or determination by mail within twenty (20) days after receipt of the complaint.

9.3 Hearing

In the event the decision of the Board of Directors or District Manager or his representative is deemed unsatisfactory by the complainant, a written request for hearing may be submitted to the Board of Directors or District Manager within twenty (20) days from the date written notice of the decision was mailed.

If receipt of the request is timely and if all other prerequisites prescribed by these Rules, Regulations, and Policies have been met, the Board of Directors or District Manager or an appointed hearing officer shall conduct a hearing at the District's convenience. Every effort will be made to conduct the hearing within twenty (20) days after the receipt of the request. The hearing shall be conducted in accordance with and subject to all pertinent provisions of these Rules, Regulations, and Policies.

9.4 Conduct of Hearing

At the hearing, the Board of Directors or District Manager or appointed hearing officer shall preside. The complainant and representatives of the District shall be permitted to appear in person, and the complainant may be represented by any person of his choice, including legal counsel.

The complainant or his representatives and the District representatives shall have the right to present evidence and arguments; the right to cross-examine any person; and the right to oppose any testimony or statement that may be relied upon in support of or in opposition to the matter complained. The Board of Directors or District Manager or hearing officer may receive and consider any evidence which has probative value commonly accepted by reasonable and prudent persons in the conduct of their affairs. The Board of Directors or District Manager or hearing officer may ask questions of any representative in order to clarify further an issue relevant to the complaint.

The Board of Directors or District Manager or hearing officer shall determine whether clear and convincing grounds exist to alter, amend, defer, or cancel the interpretation, application, and/or enforcement of the Rules, Regulations, and Policies that are the subject of the complaint. The decision shall be based upon evidence presented at the hearing. The burden of showing that the required grounds exist to alter, amend, defer, or cancel the action shall be upon the complainant.

9.5 Findings

Subsequent to the hearing, the Board of Directors or District Manager or hearing officer shall make written findings and an order disposing of the matter and shall mail the findings and order to the complainant no later than twenty (20) days after the date of the hearing.

9.6 Appeals to the Board of Directors

In the event the complainant disagrees with the findings and order of the Board of Directors or District Manager or hearing officer, the complainant may, within twenty (20) days from the date of mailing of the findings and order, file with the District a written request for an appeal to the Board. The request for an appeal shall set forth, with specificity, the facts or exhibits presented at the hearing upon which the complainant relies and shall contain a brief statement of the complainant's reasons for the appeal. In response, the Board of Directors or District Manager or hearing officer shall compile a written record of the hearing consisting of:

1. Minutes of the hearing;
2. All exhibits or other physical evidence offered and reviewed at the hearing; and
3. A copy of the written findings and order.

The Board of Directors or District Manager or hearing officer may submit additional written comments that further clarify the hearing findings and order in response to the request for appeal.

The Board shall consider the complainant's written request for appeal and the written record of the hearing at the next regularly scheduled meeting held not earlier than ten (10) days after the filing of the complainant's request for appeal. Such consideration shall be limited exclusively to a review of the record of the hearing, any written clarifying

comments by the Board of Directors or District Manager or hearing officer, and the complainant's written request for appeal. No further evidence shall be presented by any party to the appeal and there shall not be the right to a hearing de novo before the Board of Directors.

9.7 Board's Findings

The Board shall make written findings and issue an Order concerning the disposition of the appeal. A notice of the decision shall be sent by mail to the complainant within twenty (20) days after the appeal hearing. The Board of Directors' findings shall be final.

9.8 Notice

A complainant shall be given notice of any hearing before the Board of Directors or District Manager, the hearing officer, or before the Board, by mail at least ten (10) days prior to the date of the hearing, unless the complainant requests or agrees to a hearing in less time, or to a waiver of formal notice. Notice is deemed given when placed in regular, postage prepaid U.S. mail.

Appendix A - Schedule of Fees and Charges

APPENDIX A LOUVIERS WATER & SANITATION DISTRICT SCHEDULE OF FEES AND CHARGES EFFECTIVE: September 24th, 2009

WATER FEES AND CHARGES:

1. Water Meters

Meter sizes for all applications shall be determined by the District. The appropriate water meter shall be purchased from the District for new structures. Once installation of the meter has occurred, the District shall inspect the installation for compliance with District rules prior to water turn on.

2. Meter Repair

Refer to Appendix B – Water and Sewer Service Construction Specifications, Water Services, Water Meter and Remotes.

3. Water Service Charges

Water service charges are billed every two months, in arrears.

For metered consumption, the usage rate is:

0 to 4000 Gallons	\$0
4000 to 12000 Gallons	\$3.00 per 1000 Gallons
12000 to 20000 Gallons	\$4.50 per 1000 Gallons
20000 to 60000 Gallons	\$6.00 per 1000 Gallons
Greater than 60000 Gallons	\$7.50 per 1000 Gallons

4. Sewer Fees and Operations and Improvements

Billing every two months will be per the following amounts for each Member household:

Sewer Base	\$14.00
Operations and Improvements	\$102.70*

* Based on 2005 Rate Study to be increased by 15% of Water Base, Sewer Base and Operations and Improvements Total. Adjustments implemented each yearly June/July billing cycle through 2009 to cover inflation and new capital projects (Approved by

Louviers Mutual Service Company (LMSC) Board of Director's Vote July 28th, 2005)

5. Tap Fee Rates: Set on December 24th, 2007 by Public Utilities Commission Decision

Water and Sewer: \$8800 Single Bath, \$9800 2 or more baths

6.. Expansion or Remodel to Existing Residential Units

The term "existing residential units" shall refer to those residential units in existence prior to December 1st, 2009. Each existing residential unit within the District less than 3,000 gross square feet may increase the size of the unit to 3,000 square feet without additional tap fee assessment. Any additions over 3,000 square feet will be assessed a tap fee for the additional square feet.

7. Sewer Commercial Use

Commercial use may be on a separate master water meter or, for mixed uses, may be on the same water meter as Residential/Hotel units, if the customer provides the District with an Engineer's or Architect's assessment of the water meter size necessary to serve the commercial and irrigation fixtures involved. The District will consider this assessment in the District's determination of appropriate water meter size. The water meter size is to be determined by the fixture count assessment according to the International Plumbing Code.

All commercial and/or industrial wastewater users will be required to pre-treat their effluent if their discharge does not meet domestic standards and/or falls under the Federal Classification of Hazardous Waste.

SFE Equivalent Based on Meter Size Sewer Tap Fee

1.5	3/4"	\$9,871
2.6	1"	\$17,110
5.8	1-1/2"	\$38,169
10.3	2"	\$67,782
23.0	3"	\$151,358
40.9	4"	\$269,155
92.1	6"	\$606,092

The District requires that each commercial meter two inches (2") or larger have a bypass installed.

12. Sewer Service Charges

Service charges are billed monthly, in arrears.

Appendix B - Water and Sewer Service Line Construction Specifications

CONSTRUCTION SPECIFICATIONS

EFFECTIVE: September 24th, 2009

GENERAL REQUIREMENTS:

1. Rules & Regulations

The applicant, contractor, and customer are responsible for knowledge and compliance with these provisions of the Rules & Regulations.

These provisions are developed to insure that the service line extension to the water distribution and sewage collection systems is constructed in a manner not to impact adversely the total system.

2. Scope

Service lines are constructed to provide the water or sewer link between the District main line distribution or collection system and the privately owned facility. The service line construction is paid for by the customer. Responsibility for maintenance and repair of water service lines is shared by the customer and the District. Sewer service lines are the property and responsibility of the customer. All connections to the District main lines must be completed by a District authorized service line installer.

3. Criteria

A separate and independent water and sewer service line shall be provided for every separately metered unit within a building. A curbstop shall be located at the property line or edge of easement on all water service lines. At least one water meter shall be installed for each separate building served. Multi-unit buildings may have individual unit curbstops, meters, and shut-off valves or may be serviced by a single curbstop and a master meter. Accessible valves for emergency water shut-off shall be provided for each unit. The District may authorize an exemption from the above requirements for buildings that are part of a condominium or homeowners' association. In such a case, the District shall bill the association for service charges assessed by the District for water and sewer usage in the association. In all cases where individual units are not separately metered, billing shall be to one entity for water and sewer service to all units serviced through the same meter or service line, and payment for less than all units shall be considered non-payment, allowing the District to terminate service.

4. Authorization and Permits

Prior to service line construction, the contractor shall familiarize themselves with the District standards and specifications. The customer or contractor shall obtain approval for the location of the service line and submit a copy of the building permit with information on the number and size of living units in the facility, appropriate sets of site and mechanical plans, and inform the District's personnel of intended schedule for

construction. The District, in its sole discretion, has the authority to grant a variance from strict compliance with District specifications in the event of undue hardship, not self-imposed.

5. Taps and Tap Fees

Only District personnel or an authorized representative shall make taps onto the District's water or sewer mains.

Tap fees must be paid prior to connection of any tap.

6. Unauthorized Taps

Any change in use, conversion, or creation of additional units or connection of new structure made without payment of a tap fee will be considered an unauthorized tap connection. Refer to Section 4.3.3 Unauthorized Connection and Fees.

The occurrence of an unauthorized tap is subject to a penalty charge, as well as payment of the appropriate tap fee.

SERVICE CHARGES

Service charges begin as of the date of turn-on. The customer shall be responsible for payment of all fees and charges due the District.

7. Water Saving Devices

Water saving devices are required, consisting of shower restrictors and maximum 3.5-gallon flush toilets.

8. Inspections

The applicant for the sewer or water line service permit shall notify the District when the service is ready for inspection and connection to the main. Appointments for inspection and connection should be scheduled forty-eight (48) business hours in advance.

All water service lines are to be tested under normal operating pressure. A sewer main connection shall be made by qualified personnel.

An open ditch inspection of all service lines shall be conducted by the District's representative. No service lines shall be covered without the District representative's approval. Anyone making any installation without such approval shall be required to remove all soil or any other covering over the service line to allow its inspection.

SEWER SERVICE LINES:

1. Customer's Responsibility

The entire sewer service line from the District main to the building belongs to the customer, and the customer is responsible for repairs and maintenance of the service line.

2. Service Line Separation

A ten-foot (10') separation must be maintained between parallel water and sewer service

lines. At locations where water and sewer service lines cross, sewer service line joints within a ten-foot (10') distance of the water service line must be encased in accordance with the Colorado Department of Health standards.

3. Specifications

The sewer service lines shall be a minimum of four inches (4") ID PVC pipe with a minimum wall thickness meeting the SDR 35-thickness with preformed watertight joints with rubber gaskets. The sewer service line shall be watertight, on a constant minimum grade of not less than 1/4 inches (") per foot unless authorized by the District, in a straight line, and if running parallel to the building, no closer than ten feet (10') from the building. Two inches (2") of uniform graded bedding and six inches (6") of a uniform graded compacted cover are required in accordance with specifications.

4. Connection

The connection of the sewer service line to the main interceptor shall be made as follows:

a. If the service line is four inches (4") or six inches (6") in size, the District shall, at customer's expense, install a saddle on the sewer interceptor. The saddle tap will be located at least ten feet (10') away from any manhole. Connections into manholes will not be allowed.

b. If the service line is eight inches (8") or greater, the customer will make the connection into an existing manhole or install a new manhole at customer's expense. All connections shall be above the spring line.

5. Stubouts

When sewer service line stub outs are made in conjunction with or subsequent to main line construction, the end of the service line shall be plugged and marked by triangulation on individual lot plans. A copy of the lot plan shall be provided to the District for verification within a 48-hour period prior to covering the sewer service line stubout.

6. Inspection

Normal inspection of sewer service lines will be made with the service line not under pressure. Locations of sewer service lines must be recorded with the District. The District may allow, in lieu of inspections that the sewer line be pressure tested at the customer's expense. The water service shall be shut off or kept off until inspection or testing of the sewer service line is complete.

7. Floor Drains

Floor drains in industrial areas and garage drains will not be connected to the sanitary sewer.

WATER SERVICE LINES:

1. Responsibility

The District is responsible for the maintenance of the water service line, up to and including the curb stop valve or the customer's property line or edge of easement,

whichever is closer to the main. The customer is responsible for the maintenance of the remaining portion of the service line serving the property. The water meter is property of the District and the responsibility of the District to maintain.

2. Service Lines

All structures/metered accounts shall have one service line with one curb stop valve to be installed at property line for each application. The intent of this provision is to allow only one service line for all uses within the building including domestic water and fire suppression systems so that there is only one point outside of the building where water is terminated, which would be the curb stop valve itself. Within the mechanical rooms or meter area, the separation between the domestic water and fire suppression water systems will occur. This separation of the domestic water and fire suppression system will occur downstream of the curb stop valve for the single service line providing water service to the metered account. See Detail B-3, Service Line Meter Vault with Fire Line. The same orientation can occur within a meter pit, meter vault, or within the mechanical room of a building. Any variation from this standard will require written permission from both the local fire authority and the District.

a. Copper Tubing

Shall be Type K, ASTM B88. Connections are to be compression or silver-soldered. . No couplings shall be allowed from the main line to the curb stop. Service lines between the corporation stop and the curb stop (1 inch, 1-1/2 inches, and 2 inches only) shall be constructed of type "K" copper.

Type "K" copper service lines shall be inspected to ensure that they are free of all kinks, indentations, and/or damaged areas. Any damaged copper pipes or fittings shall be rejected by the District Inspector.

b. Ductile Iron Pipe

Water service lines over 2-inches (2") shall be constructed of ductile iron.

c. Tracer Wire

10-gauge tracer wire is required to be installed from the curbstop to the outside of the building.

3. Service Line Separation

A ten-foot (10') horizontal separation shall be maintained between water and sewer lines if the water line is located 18-inches (18") or less above the sewer line, or the water line is at the same elevation or below the sewer line. If the water and sewer lines are within the required 10-foot (10') separation, the sewer line must meet the District's encasement criteria. If the sewer line is under the water line by a minimum distance of 18-inch (18") vertical separation and a horizontal separation of 3-feet (3'), sewer encasement is not required.

4. Alignment

Alignment of the water service line shall be located so as to take the shortest, most direct route, preferably perpendicular from the main to the building. No water service line shall be laid within ten feet (10') parallel to any weight-bearing wall which might be thereby weakened. The water service shall be laid at a uniform grade in a straight alignment.

5. Curbstop

The water service line shall have a curbstop control valve located at the property line or edge of easement, or as otherwise approved by the District with easy access to the District. Curbstops shall be in good operating condition at all times. Curbstop valve box tops must be Mueller Buffalo Pattern, accessible at ground surface. Dry ice shall be used when making repairs to a curbstop valve. Service line constructed of ductile iron material will require curbstop to be located at the tee on the main line.

6. Stubout

When water service lines are stubbed out from the water main to property lines, the stubout shall be valved off and plugged, with a valve box the top of which is installed at the ground surface. A water service line stubout shall be marked by triangulation on individual lot plans. A copy of the lot plan shall be provided to the District for verification within a 48-hour period prior to covering the water service line stubout.

Service lines will be stubbed out to lots where installation of such service line stubouts will reduce the need for road cuts with the appropriate number of separate service lines or service lines to adequately serve the specific lot.

7. Specifications

Water service lines shall be constructed with type K copper up to two inches (2"); service lines larger than two inches (2") shall be constructed with ductile iron pipe (DIP). Service lines shall be a minimum of 1-inch (1") in diameter. Water service lines shall be buried at least seven feet (7') with two-inch (2") uniform graded bedding and six-inch (6") uniform graded compacted cover. Polybutyl pipe for a customer's service line will be allowed after a meter pit which is located at the property line. No District line or line prior to a meter will be installed with polybutyl pipe.

The service line shall be one continuous line with no joints. No splices shall be installed between the curbstop and the main. No lead-soldered fittings shall be allowed. All copper connections must be compression joints, or silver-soldered joints.

Service line bedding material shall consist of 3/8-inch or 3/4-inch minus screened rock material.

8. Taps and Inspection

All taps will be made by an District approved service line installer. The District will record the actual location and depth of water service lines.

Under supervision of the District representative, the water service line is to be pressure tested at normal operating pressure from the water main to the building before backfill begins.

Taps made after November 1 and before April 15 must have a heated tapping area provided. 48-hours advance notice must be given to the District prior to tapping.

9. Pressure Reducing Valves

A pressure-reducing valve (PRV) shall be installed in all service lines upstream of the water meter, ensuring that the water meter and the building plumbing system are protected from fluctuating water main pressures. Variance requests to remove the PRV from a fire sprinkler system may be allowed with written authorization from the District. The pressure setting of the PRV shall not exceed 200 psi without written permission from the District.

10. Shutoff Valves

The contractor will install shutoff valves prior to the PRV and after the spool/water meter to facilitate future repairs.

11. Backflow Prevention Device

Backflow prevention devices are required on all facilities where specified by the local plumbing official or the Colorado Department of Health. All devices will be inspected and certified as working properly every year by a certified tester.

12. Water Meter and Remotes

All services are required to have a Sensus water meter with Electronic Communication Register (ECR) and touch-read pad and must conform with AWWA C700 Standard for Cold-Water Meters-Displacement Type, C701 Standard for Cold-Water Meters-Turbine Type, and C702 Standard for Cold Water Meters-Compound Type is required. Meter is to be Displacement Type (DT), Turbine Type (TT), or Compound Type (CT) as listed below.

- (1) Residential or commercial service, 1-1/2 inches and two inches (2"), DT, Sensus SR
- (2) Residential or commercial service, 3/4 inch, and one inch (1"), DT, Sensus SR II
- (3) Irrigation only or Master Meter service, TT, Sensus Series "W"
- (4) Commercial service, two-inch (2") and above, CT, Sensus High Performance SRH
- (5) Meter Type will be determined by the District
- (6) Meter Size will be determined by the District

The District shall inspect the installation of all water meters. The cost of the meter shall be borne by the customer.

The contractor or customer will be provided three-strand wire for installation of a touch-read pad. Prior to meter installation and water turn-on, the customer shall install the wire from the meter location to an appropriate site. Touch-read pad will be located within 24 inches (24") from the electrical meter, five feet (5') above ground in an accessible

location free from snow that will provide year-round access for the meter reader. The maximum remote distance from the meter shall be five hundred feet (500').

All meters must be bronze bodied, Sensus SR11, with touch-read pad. A Sensus Meter Transceiver Unit and MXU Mounting Bracket must be attached to the exterior of the building, immediately adjacent to the touch-read pad. The MXU provides for automated meter reading capability. When a meter, transceiver unit and mounting bracket are purchased from the District, the contractor or customer will perform an installation in a horizontal position. All meter installations should be in a new pit outside.

The contractor is responsible to protect the meter from freezing or other physical damage during construction. After completion of the construction and acceptance by the customer, the customer is responsible to protect the meter from freezing, from damage due to high water pressure (i.e., PRV), and other physical damage.

Water will remain turned off at the curbstop until the water meter is installed, inspected and approved, and all tap fees are paid in full. All water is to be metered, including construction water.

The District will install the meter and connect the touch-read pad upon request. A scheduled appointment for installation must occur with District personnel 48-hours in advance.

All commercial meters are required to install a bypass line around the meter. The bypass line will be unmetered and secured with a District padlock.

13. Water Turn-On

Water service is turned on and billing begins when the meter is installed.

Water turn-on will be made by District personnel only. Any water service turned on by other than authorized personnel shall be considered illegal system tampering and subject to fees and penalties.

14. Meter Pits

Meter pits shall be adequately sized to contain the meter assembly and allow maintenance to the assembly. Meter pits shall be installed at the property line or the edge of easement, on the service side of the curb stop valve.

a. Mueller/Hunt Thermal Coil Meter Box: Recommended installation for 5/8", 3/4" and 1" meter applications.

b. Meters 1 1/2" or Larger: Will be required to be installed in a concrete manhole meter pit.

c. Manhole Bases: Precast concrete, ASTM C478, Armorcast 48" x 84" Deep Vault System or District approved equivalent.

d. Manhole Sections: ASTM C478. Precast concrete (wetcast) with the lip outside, low end down, Armorcast 48" x 84" Deep Vault System or District approved equivalent. Concrete cones shall be eccentric.

e. Manhole Rings and Covers: (For ROW installations) Cast iron, ASTM A48 with a flat lid with the lettering "WATER" cast on the cover. Ring and cover combined weight is to be greater than 255 pounds and machined to fit securely with a non-rocking cover. Waffle pattern hot dipped in asphalt. HS-20 traffic loading. D&L A1043 or accepted equal.

f. Manhole Steps: (Concrete Only) Two non-skid grooves in surface of step and capable of carrying load of 1,000 pounds, six inches (6") from face of manhole. The steps shall meet industry standards or equal and be plastic coated.

g. Manhole Joint Sealant: Double Rub-R-Neck with primer. One inch (1") on 48-inch diameter manholes; 1-1/2 inch on all larger sizes.

15. Repairs to Service Line

Repairs to service line between the corporation stop and the curb stop that require couplings shall be made only by the use of silver-soldered coupling or compression coupling, and shall be inspected and approved by the District.