DALLAS CREEK WATER COMPANY, INC.

334 S. 5th Street Montrose, CO 81401 www.dallascreekwater.com

WATER UTILITY TARIFF

Effective January 1, 2007

REVISIONS

First Revised Tariff Second Revised Tariff Third Revised Tariff Effective November 1, 2010 Effective May 3, 2017 Effective December 1, 2019

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SECTION 1 - GENERAL/EXPLANATORY MATERIAL

1.1 CHECK LIST

The title page and pages listed below are inclusive and effective as of the date shown. Original and revised pages as named below contain all changes from the original tariff that are in effect on the date shown on each page.

Page <u>Number</u>	Revision		Page <u>Number</u>	Revision
1	First Revised			
2	First Revised			
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31	Second Revised	(T)
32	First Revised	` '
33	First Revised	
34	First Revised	
35	First Revised	
36	First Revised	
37	First Revised	
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39	First Revised	
40	First Revised	
41	First Revised	
42	Third Revised	(N)
43	First Revised	
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45	First Revised	
46	First Revised	
47	First Revised	
48	First Revised	
49	First Revised	
50	Second Revised	(M)
51	First Revised	(M)

1.2 EXPLANATION OF SYMBOLS

The following symbols shall be used in this tariff for the purpose indicated below:

- (C) To signify changed regulation.
- (D) To signify discontinued rate and regulation.
- (I) To signify increased rate.
- $(M) \hspace{0.5cm} \hbox{To signify a move in the location of text.} \\$
- (N) To signify new rate or regulation.

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- (R) To signify reduced rate.
- (T) To signify a change in text but no change in rate or regulation.
- **1.3 AUTHORITY.** Dallas Creek Water Company, Inc. ("Company") is a corporation incorporated in the County of Ouray, State of Colorado. The Company engages in the business of a public utility furnishing water to Customers under the jurisdiction of the Public Utilities Commission ("PUC") of the State of Colorado.
- **1.4 DEFINITIONS.** Unless the context specifically indicates otherwise, the meaning of terms used herein shall be as follows:

Actual Cost shall mean all direct costs applicable to the construction of a given facility, including: surveys; preliminary and design engineering; construction; inspection; administrative fees; regulatory agency fees; bond fees; all required easements and/or rights-of-way; plan approval fees; "as-built" drawings; attorneys' fees; and other costs necessary for completion.

<u>Applicant</u> shall mean any person, partnership, firm, corporation, or Developer and their lessees, trustees, or receivers appointed by any court, who files an application to be supplied water by the Company, or who files an application to transfer ownership of a Water Tap to serve a particular property, building or structure.

<u>Application Approval</u> shall mean written permission of the Company authorizing connection to a Water Main of the Company granting Applicant a license to use the water system or to receive water service from the system owned, operated or served by the Company under the terms of this tariff.

Base Service Charge shall mean a monthly recurring charge assessed to each owner of a water tap regardless of whether such owner is connected to the water system or on "standby".

<u>Commercial Customer</u> shall mean all others, for e.g., a developer or owner of property with no intent to personally reside on the property.

<u>Cross-connection</u> shall mean any physical arrangement whereby the Company's water supply is connected, directly or indirectly, with any non-potable or unapproved water supply system, sewer drain, well, conduit, pool, reservoir, plumbing fixture or other device which contains, or may contain, any contaminated water, liquid, or other waste of unknown, non-potable or unsafe quality that could impart a contaminant to the Company's water supply as a result of backflow.

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- (IV) Any amount due on any account for which the present Customer is or was the Customer of record, if another person established the account through fraud or subterfuge and without the Customer's knowledge or consent.
- (V) Any delinquent amount, unless the Company can supply billing records from the time the delinquency occurred.
- (VI) Any debt except that incurred for service rendered by the Company in Colorado.
- **3.14.2** If the Company discovers any connection or device installed on the Customer's premises which would prevent the meter from registering the actual amount of water used, the Company shall do one of the following:
 - (I) Remove or correct such devices or connections. If the Company takes this action, it shall leave at the premises a written notice which advises the Customer of the violation, of the steps taken by the Company to correct it, and of the Company's ability to bill the Customer for any estimated water consumption not properly registered. This notice shall be left at the time the removal or correction occurs.
 - (II) Provide the Customer with written notice that the device or connection must be removed or corrected within 15 days and that the Customer may be billed for any estimated water consumption not properly registered. If the Company elects to take this action and the device or connection is not removed or corrected within the 15 days permitted, then within seven calendar days from the expiration of the 15 days, the Company shall remove or correct the device or connection pursuant to subparagraph of this Section.
- 3.14.3 If a Company discovers evidence that any Company-owned equipment has been tampered with or that service has been diverted, the Company shall provide the Customer with written notice of the discovery. The written notice shall inform the Customer of the steps the Company will take to determine whether non-registration of water consumption has or will occur and shall inform the Customer that the Customer may be billed for any estimated water consumption not properly registered. The Company shall mail or hand-deliver the written notice

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Payment Time Period	Charge by Payment Option
One Time Payment upon billing	\$189.22
Payment over 12 monthly billings	\$15.85
Payment over 36 monthly billings	\$5.28

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SECTION 7 - SCHEDULE OF UTILITY RATES AND FEES

	Monthly	
Base Service Charge	\$44.76	
Meter In-Service Charge	\$33.70	
	Non-Recurring	
Water Tap Fee	\$7,000	
Turn-on/Turn-off	\$50.00	
Water Tap Transfer Fee	\$50.00	
After-Hours Fees		
First Hour	\$60.00	
Additional Fifteen (15) Minutes	\$15.00	
Emergency Water Supply Construction Fee (Metered Custo One Time Fee	smers) \$188.36	(N)
12 Monthly Installments	\$15.77 (ea month)	
36 Monthly Installments	\$5.26 (ea month)	
	<u>Usage</u>	
Customer Usage Fee per 1,000 gallons	\$9.45	
Water Distribution Fee per 1,000 gallons	\$1.52	
Raw Water Fee per 1,000 gallons	\$7.50	
Service Connection Fee Individual Case Basis		

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SECTION 8 - SERVICE LINE STANDARDS

8.1 GENERAL. The sizing of service lines shall be the responsibility of the Applicant. When requested by the Company, the Applicant shall, at his expense, furnish data, plans, calculations, or other information as required for the evaluation of the service.

Point of Connection. Service lines shall connect to the Company's system in a public street or similar place where the Company has a free right of access and which other wise is suitable for the buried pipe.

The Customer for a service connection shall notify the Company when the Water Service Line is ready for connection to the Company's main. The connection to the main shall not be made until after the Company's inspection and approval. The actual connection to the main shall be made in the presence of the Company's Inspector, or shall be made by the Company, at the Company's option.

Where parallel or approximately parallel to a structural wall, the service shall be at least 5' from the wall. Penetrations through structures shall be approximately at right angles and shall provide flexibility such that the service shall not be damaged by differential movement.

All potable Water Service Lines are to be constructed in accordance with applicable codes, generally accepted good construction practices, and the minimum standards and details contained in this Appendix. The details are provided for standardizations purposes only, and represent minimum design standards which may require upgrading for specific applications.

8.2 POTABLE WATER SERVICES.

- **8.2.1** Sizing. Sizing for potable water services shall be made in general conformance with AWWA Manual M11, "Sizing Water Service Lines and Meters".
- **8.2.2** <u>Location</u>. The water service shall be laid at uniform grade and in straight alignment so as to have a minimum cover of 6.0 feet from final finish grade. A reference mark shall be placed on the curb above the service line. The water meter shall be placed in a pit located at the property line.

When the preferred location is not reasonably available or would result in unreasonable costs, the Company may permit an in-building installation. In this case, the meter shall be located at an

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easily accessible location inside a building on the premises to be served, provided that there shall be no reasonable possibility for water to be taken from Water Service Line without passing through the meter, and further provided, where applicable, a remote reading device be installed. In this case, Company maintenance responsibility ends at the property line.

- **8.2.3** Cross Connections. Cross connections of any type that permit a backflow condition from any source other than the Company's potable Water Mains are prohibited. The Company shall not provide water service to any Customer unless the potable water supply is protected from potential or actual cross connections as required by State and Company Rules and Regulations.
- **8.2.4** <u>Pipeline Materials</u>. Water Service Pipeline: The water service pipeline shall be Type K, soft copper conforming to ASTM B88, unless otherwise specifically approved by the Company. Fittings shall be brass or copper alloy. Connections shall be by flared joints and no soldered joints shall be permitted underground. Thaw connections should be provided.

Corporation Stops: Corporation stops shall be used for the connections of services (2-inch and smaller) to the Water Main. Corporation stops shall be brass and conform with AWWA C800. The inlet shall be standard AWWA corporation stop inlet thread and the outlet shall be for flared type "K" copper service pipe. Corporation stops shall be Mueller H-15000, Ford F-600, or approved equal.

Curb Stops: Curb stops shall be placed on the inlet side of the meter pit for all services 2" and smaller. Curb stops shall be brass and conform with AWWA C800. Connections shall be for flared type "K" copper service pipe. Curb stops shall be Mueller H-15204, Ford B-22, or approved equal.

Service Saddles: Service saddles shall be used for all water taps on any pipe other than DIP (Ductile Iron Pipe). For DIP, 3/4" taps may be made without using a service saddle on 6" pipe; 3/4" and 1" size taps may be made without service saddles on pipe 8" size or larger. All other taps shall be made with a double strap bronze saddle, Rockwell No. 323 or approved equal.

8.2.5 Meters. Unless otherwise approved, water meters shall be housed in an exterior meter pit in accordance with the standard drawing. In-building meters with remote exterior readouts may only be used if specifically approved by the Company. Meters shall be SRII, positive displacement with touch read register.

Pits: Potable meters 2" and smaller shall have a circular reinforced concrete barrel. Barrel

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sections shall be of 5,000 psi minimum strength concrete, with a wall thickness of not less than 2". Reinforcing shall not be less than No.9 circular wire, 6 inches on center. Setting shall consist of a lower bell section with opening at the bottom to allow for entrance/exit of the service line. Barrel sections shall fit together allowing no visible gaps and the top section shall be shaped for placement of the meter box cover. Adjustable grade rings shall be of reinforced concrete or cast iron. For meters 1" and smaller, the Company may accept the alternate use of an approved plastic meter pit. (Mid States Plastics, insulated, or approved equal.)

For 1 ½" and 2" meters, 48" or larger precast concrete manhole sections (conforming to ASTM C478) may be used per Drawing B.3. Larger size meter vaults shall be as approved by the Company Engineer.

Meter Pit Covers: For 3/4" and 1 "meters, covers shall be constructed of cast iron with rubber or plastic inner frost lid. The top lid shall be of cast iron with a worm type lock operated by a pentagon head. The lid and cover shall be Ford Wabash No. W3 or approved equal. All covers to be insulated.

For larger meter installations, the meter cover shall be Ford No. 24 with inner cover, except when located in street paving.

Meter Settings: All ¾ "and 1" meters shall be set with copper setter having an internal angle curb valve on the inlet side. Yokes shall be Ford 70 series or approved equal. Meters larger than 1" shall have (sealed) valve bypasses and be set in accordance with the detail given or as approved by the Company.

8.2.6 Excavation, Bedding and Backfill. All excavations for water and sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazard per existing governmental requirements. Street, sidewalks, parkways, and other public or private property disturbed in the course of work shall be restored to their original condition in a manner satisfactory to the Company.

The pipelines shall be bedded and backfilled in accordance with the appended drawings, "Pipe Trench Detail-Water," Drawing C.5. Where danger of frost is possible at 6 ft. of cover, closed cell insulation shall be installed over the service line.

Water service lines shall have 10' minimum of horizontal separation. Where this separation is impractical the Company may permit other separation requirements, in accordance with the

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Colorado Department of Public Health and Environment Standards.

All excavations required for the installations of a water and sewer service shall be open-trench work unless otherwise approved by the Company.

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SECTION 9 - LOCAL DISTRIBUTION SYSTEM STANDARDS

9.1 GENERAL. Local Facilities are considered to be engineered improvements, which are designed for specific applications. All designs, drawings and specifications must be prepared by, or under the direction of, an Engineer registered in Colorado, whose seal must be on a record set of documents.

The standard details and specifications contained herein are minimum design standards, which the Company shall accept in order to facilitate perpetual operation and maintenance procedures. In addition, the Engineer must also design in accordance with the minimum standards of other regulatory agencies. Review and approval of Local Facilities designs by the Company or its Engineer shall not relieve the Engineer of Record from responsibility for adequate design.

9.2 DRAWINGS. Unless otherwise approved by the Company Engineer, all design drawings shall be on 24" x 36" mylar, using ink for all background information and permanent pipeline work. Drawings scale for area plans shall be 1" = 50'. The cover sheet for each drawing set shall have an approval block as shown on Exhibit C.1. Original mylars and discs (if CAD based drawings) shall be delivered to the Company after acceptance.

Prior to the construction or installation of any Local Facilities, the Developer shall submit Design Documents to the Company for review and approval. Each construction drawing set shall have an "approval block" affixed thereto which provides for the signatures of authorized representatives of the Company, the Company's Engineer. Project review and approval by the Fire Protection Agency is required for water distribution facilities. The "approval block" shall be a facsimile of that appended to these Standard Specifications, Drawing C.1.

The Developer shall also provide a complete set of record drawings for the facilities. The record drawings shall show adequate dimensioned ties to surface features for all buried facilities to allow for future locating. The record drawings shall be mylar transparencies suitable for blue line reproductions. As-builts shall be in general conformity to the Standard Drawing "Typical Record Drawing Information," Drawing C.2.

9.3 REQUIRED EASEMENTS. Where Local Facilities are to be located out of the public right-of-way, the Developer shall be responsible for obtaining easements required for the construction, maintenance, and operation of the facilities. The legal description for the easements shall be prepared by a Registered Land Surveyor in the State of Colorado. Easements

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shall be in a form acceptable to the Company and shall be shown on the construction drawings. The Company shall not approve the Contract Documents until all required easements have been deeded to the Company.

In general, the minimum width of easements for pipelines shall be 24 feet. Temporary construction easements shall have a minimum width of 30 feet. Wider easements may be required for deep sections of pipeline, multiple lines, storm sewers and overflow swales, or where otherwise required by the Company.

9.4 POTABLE WATER DISTRIBUTION SYSTEM.

- **9.4.1** <u>Design/Sizing.</u> Water mains shall be designed to meet the more stringent of the following two conditions:
 - a. Maximum hourly demand with pressures not less than 40 psi at any point of the distribution system, or
 - b. Maximum daily demand rate plus fire flow demand (as determined by ISO guidelines) with delivery pressure of not less than 20 psi at the hydrant.

The normal minimum size water distribution main shall be 8," or 6" for short looped lines in single-family residential areas. Smaller mains may be individually approved by the Company for dead-end mains without fire hydrants or the possibility of future tie-ins with other mains.

Water mains sizing and connections shall be reviewed with the Company Engineer prior to final detailing and drafting. The systems shall be designed to maximize interconnections and strengthening of the Company's water system. Where certain lines may also have a transmission function, in the opinion of the Company, the Company may direct that such lines be oversized, and the Developer's Engineer shall so design the system. In this case the Company shall pay the actual Oversize costs.

Water pipelines shall have a minimum cover of 6.0 feet. Pipelines shall not be placed deeper than 10 feet without approval by the Company.

Regulations normally require a 10-foot minimum horizontal separation between water and sewer mains. When located in public streets, potable water pipelines shall normally be located about 11 feet north or east of, and parallel to, the roadway centerline. Whenever a crossing must occur

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where a sewer main passes within ten feet horizontally of a Water Main, and where the Water Main is not at least 18-inches vertically clear above the irrigation water or sewer main, special construction shall be required in accordance with the "Sewer Crossing Water Line Detail," Drawing 9.3.

9.4.2 Pipe. All Water Mains shall be ductile-iron pipe, conforming to ANSI A21.51, Class 52 minimum thickness. Pipe joints shall be push-on type in accordance with ANSI A21.11. Pipe shall have a cement mortar lining meeting AWWA 104 and bituminous exterior coating.

Fittings shall be ductile-iron or cast-iron, minimum 250 psi working pressure, conforming to AWWA C153 or C110 with mechanical joint connections meeting AWWA C111. Lining and coating shall match pipe.

Sheathing: All ductile-iron pipelines, valves, and fittings shall be polyethylene sheathed in accordance with ANSI A21.5, AWWA C105, 8 mil minimum thickness.

Buried Valves: Valves, 12" and smaller, shall be non-rising stem, bronze mounted gate valves with mechanical joint ends conforming with AWWA C500. Valves shall have 2" square operating nuts and open left (counterclockwise rotation). Valves shall be Mueller, Clow, Waterous, or approved equal.

Valve Boxes: Each buried valve shall be provided with a cast iron valve box and round cover. The box shall have a minimum inside diameter of 5 1/4" and be adjustable in length and of screw type. The word "WATER" shall be cast on the cover. Valve boxes shall be Tyler, Clow, or approved equal. Valve boxes shall allow for at least 3" additional extension above the level required for final grade at the time of installation.

Fire Hydrants: Fire hydrants shall be of the dry barrel type and conform with AWWA C502. Hydrants shall have a 5 1/4" main valve, two 2 1/2" hose connections and one 4 1/2" pumper connections. Hydrants shall have 6-inch mechanical joint connections and safety traffic flange. Fire hydrants shall be Mueller Centurion No. A-423, Waterous Pacer WB-67 with bronze seat ring, or approved equal.

9.4.3 <u>Fire Hydrant Installation</u>. Fire hydrants hall be located as required by the Company and as approved by the Fire Protection Authority. The Developer shall be required to obtain the approval by the Fire Protection Authority for fire hydrant locations. Fire hydrants shall be installed in accordance with the drawing "Standard Fire Hydrant Detail," Drawing C.4.

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9.4.4 <u>Pipeline Installation</u>. Water pipelines shall be installed in a thorough and workmanlike manner in accordance with the Design Documents that have been approved by the Company. The minimum bedding and backfill requirements for pipelines and appurtenances shall be as shown on Drawing C.5, "Water Main and Service Bedding and Backfill Details."

All pipeline fittings (i.e. bends, tees, plugs, and caps) shall be installed with concrete thrust blocks adequately designed for the specific application. Thrust blocks shall be cast-in-place from concrete having a minimum compressive strength of 3,000 psi. Alternate means of thrust restraint may be considered and approved for use where proven to provide similar restraint. Supplemental restraint may also be used where the Engineer believes the soil bearing pressures to be inadequate, or is concerned about subsequent movement.

9.4.5 <u>Testing</u>. All finished water lines, after reaction blocking is in place, shall be pressure and leakage tested at not less than 150 psi.

No pipeline installation shall be acceptable until the leakage is less than the amount computed by the following formula:

$$L = \frac{SD (P)^{0.5}}{133,200}$$

L = Allowable leakage in gallons (per hour)

S = Tested length of pipe (feet)

D = Nominal diameter of pipe, inches

P = Average test pressure during the test, psi

9.4.6 <u>Disinfection</u>. All water piping shall be disinfected in accordance with AWWA C601 after all construction work has been completed. Chlorine shall be added to the water at the necessary locations in the amount to form a 50 ppm free chlorine residual. The chlorine solution shall be left in he pipelines for not less than 24 hours, during which time all valves and fire hydrants shall be operated in order to disinfect the appurtenances. After that length of time, the chlorine residual of the solution, at any place in the system, shall not be less than 10 ppm. All chlorination work must be done under the supervision of the Engineer. At the end of 24 hours, a bacteriological test is to be performed by the local health authority to insure adequate disinfection.

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