

**ARABIAN ACRES METROPOLITAN DISTRICT
 RULES AND REGULATIONS
 WITH
 DESIGN STANDARDS
 REVISED: March 24, 2006
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ARABIAN ACRES METROPOLITAN DISTRICT

RULES AND REGULATIONS

The Board of Directors of the Arabian Acres Metropolitan District (“District”) declares that the following Rules and Regulations have been prepared and adopted to provide for the construction, management and operation of the water system of the District. The Board of Directors may make additions and/or revisions in these Rules and Regulations when and as they may become advisable to properly manage the District and to promote the peace, health, safety and welfare of the District’s Customers. These Rules and Regulations are supplementary

to any lawful rights and responsibilities of the Board as outlined in the Colorado Revised Statutes governing the Arabian Acres Metropolitan District, including the right to disconnect or to refuse permission to connect any water service for violation of these Rules and Regulations or any other State, local or Federal requirements or regulations.
Adopted the 11th Day of April, 2003.

By: _____
Kenneth R. Rupp, President

ATTEST:

By: _____
Dennis S. Yoder, Secretary

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SECTION 1 – GENERAL/EXPLANATORY MATERIAL

1.1 AUTHORITY. The District is a quasi-municipal corporation and political subdivision of the State of Colorado, with those powers granted for carrying out the objectives and purposes of the District under Article 1 of Title 32 of the Colorado Revised Statutes.

1.2 SCOPE. These Rules and Regulations have been promulgated pursuant to Section 32-1-1001(1)(m), C.R.S.

1.3 POLICY. These Rules and Regulations serve a public purpose and are necessary to insure and protect the health, safety, prosperity, security and general welfare of the service users within the District's boundaries.

1.4 PURPOSE. The purpose of these Rules and Regulation is to provide for the orderly financing, control, construction, management and operation of the water supply and distribution system including additions, extensions and connections.

1.5 CONSTRUCTION OF RULES AND REGULATIONS. These Rules and Regulations shall be liberally construed to affect the general purposes of the District to protect the health, safety and welfare of its citizens.

1.6 AMENDMENT. The District Board may amend these Rules and Regulations as it deems appropriate and such amendments shall be entered in the Minutes of the District and periodically incorporated in printed copies of these Rules and Regulations. Prior notice of the proposed amendments shall not be required to be provided by the District.

1.7 DEFINITIONS. Unless indicated otherwise, the meaning of terms used herein shall be as follows:

a. *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, bond fees, easements and/or rights-of-way and other costs necessary for completion or use.

b. *American Water Works Association* shall mean the organization that establishes criteria, specifications and materials used in the District and hereinafter referred to as "A.W.W.A."

c. *Applicant* any person who applies to the District for a service connection, disconnection, main line extension or other service.

d. *Board and Board of Directors* shall mean the governing body of the Arabian Acres Metropolitan District.

e. *Customer* shall mean any person or entity authorized to connect to or currently receiving service from the District whether through a temporary connection, permanent connection or hydrant.

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f. *Developer* shall mean the person(s), firm, joint venture, partnership or corporation which is the owner or operator of land that seeks to have the land served by the District.

g. *District* shall mean the Arabian Acres Metropolitan District or the Board of Directors of the District.

h. *Engineer* shall mean the engineering firm, or its authorized representative, designated by the District to act on its behalf in all engineering and related matters.

i. *EQR* "Equivalent Residential Unit" which is the system demand of an average singlefamily detached residence or the equivalent.

j. *Inspector* shall mean District Personnel or Engineer of the District designated to perform inspections pursuant to these Rules and Regulations.

k. *Local Facilities* are those facilities designed primarily to provide service within individual platted subdivisions, areas or neighborhoods to which more than one Service Line may be attached. Local Facilities are owned by the District.

l. *District Administrator/Personnel* shall mean Authorized District Personnel, or duly

authorized agents, appointed by the Board to administer the affairs of the District
m. *Owner* shall mean the record title holder of a parcel of land, platted lot or building.

n. *Oversize Costs* are the difference between the actual costs of a line sized as required by the developer of property and the actual cost of a line required by the District to be enlarged or otherwise upgraded as a condition of service or inclusion.

o. *Tap Permit* shall mean written permission of the District authorizing connection to the water system.

p. *Permit*. A written authorization by the District, signed by an authorized representative, allowing uses of, work on or around, the System which may be subject to various conditions and restrictions.

q. *Person* shall mean any individual, firm, company, association, society, corporation or group.

r. *Regional Facilities* shall mean those facilities owned by the District generally serving the District's Service Areas to which one or more Local Facilities may be connected. Regional Facilities include raw water reservoirs, water sources, water wells, treatment facilities, tanks and water main lines.

s. *Rules and Regulations* shall mean these Rules and Regulations of the District, including all amendments and policies as set forth in the District minutes and resolutions.

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t. *Service Area* shall mean the service area of the District as generally depicted on the map attached to the Service Plan as Exhibit C, as amended.

u. *Service Line* shall mean the privately owned water line extending from the water main into the Customer's property, and shall include the tap on the main, corporation cock, curb valve, box and meter, whether connected or not.

v. *Service Plan* shall mean the Service Plan of the District, as approved by the Teller County Board of County Commissioners.

w. *Shall* is mandatory; "may" is permissive.

x. *Tap* shall mean the connecting of a Service Line to the Water System.

y. *Tap Fee* shall mean a fee imposed by the District as a condition of connection to the

District system. This fee is based upon the total availability of service provided by the District

and the District's capital and operational needs. It is not limited to or a reflection of costs

incurred in simply making the connection to the Water System.

z. *Water Main* shall mean a Regional Facility or Local Facility water pipeline owned by the

District carrying potable water only, and which is installed in a public street or easement.

aa. *Water System* shall mean all facilities owned by the District for obtaining, transporting,

distributing, storing, pumping, treating and measuring water.

SECTION 2 – OWNERSHIP AND OPERATIONS OF FACILITIES

2.1 OWNERSHIP OF WATER. The District shall have sole dominion and control of all water

supplied through the Water System even after its delivery to an Owner. The District retains the sole

authority to determine the yield of all water, water rights and augmentation plans, which are offered to

the District for any purpose.

2.2 RESPONSIBILITIES OF DISTRICT. The District retains sole responsibility to plan, finance,

design and construct or acquire Regional and Local Facilities, water and water rights for use in the

Water System. The District will only construct facilities or portions thereof when construction is

economically feasible. As a condition of extending or constructing facilities or of providing service, the

District may require Owner or Developer to prepay or guarantee future payment of Tap Fees or pay the

costs associated with providing the Service.

2.3 RESPONSIBILITY OF OWNER FOR CONSTRUCTION OF SERVICE

LINES. It is the

Owner's responsibility to finance, design and construct all Service Lines. An

Owner may be required to

finance and construct Local Facilities necessary for service, pursuant to an agreement negotiated with

the District. Service Lines and/or Local Facilities shall be constructed in

accordance with plans and

specifications approved by the District, in accordance with construction standards adopted by the

District.

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2.4 RESPONSIBILITIES FOR MAINTENANCE OF FACILITIES. The District will be

responsible for the maintenance, operation and replacement of all Regional and Local Facilities constructed and/or accepted by the District including meters. Customer shall be responsible for the maintenance, repair, and replacement of all Service Lines. Leaks or breaks in the Service Line shall be repaired by the Owner within seventy-two (72) hours. If satisfactory progress toward repairing a leak has not been made within the time allowed, District Personnel shall shut off the service until the leaks or breaks have been repaired. In an emergency, the District shall have the right to effect any repair without notice to the Customer. Any leak, break, or repair made to any Service Line by Owner, which could potentially adversely affect the District's Water System or supply, shall conduct such repair under the oversight of authorized District personnel. The District shall have the right to test, remove, repair or replace water meters. It shall be the duty of each Customer to notify the District if a water meter is defective. If any meter shall fail to register in any period, the Customer shall be charged for the average period consumption determined over the preceding two (2) years or such amount as will most closely approximate actual usages, as determined by the District. No refund or abatement will be allowed for meters that read high water volumes. Upon request and payment of the Meter Testing Fee, the District will remove and test any meter.

2.5 LIMITATION OF LIABILITY OF DISTRICT. No claim for damage shall be made against the District by reason of the following: Inadequate treatment, blockage in the system causing loss of service or pressure, breakage of a line by District personnel; interruption of water service and damage resulting therefrom; breaking of any Service Line, pipe, valve or meter by the District; failure of the water supply; shutting off or turning on water; making of connections or extensions; damage caused by water running or escaping from open or defective faucets, pipes, wells, tanks or other facilities; burst Service Lines and other facilities whether or not owned by the District; damage to water heaters, boilers

or other appliances resulting from water shutoff or scaling, turning water on, or from inadequate or sporadic pressures; or for doing anything to the Water System deemed necessary by the District. The District shall have no responsibility for notification to Customers of any of the foregoing conditions; however, the District will make all reasonable attempts to notify any affected Customers in advance of any planned disruptions of service. The District reserves the right to temporarily discontinue service to any customer at any time for any reason deemed necessary by the District.

2.6 RIGHT OF ENTRY. District Personnel (or other Person so designated by the District, bearing proper credentials and identification), shall be permitted to enter upon all properties, at all reasonable times, for the purpose of inspection, observation, measurement, sampling and testing, in accordance with the provisions of these Rules and Regulations. The granting of Right of Entry by the Owner and occupant is a condition to the provision of public water service.

2.7 MODIFICATION, WAIVER AND SUSPENSION OF RULES. The Board shall have the authority to waive, suspend or modify these Rules and Regulations at any time, with or without notice. Any waiver, suspension or modification must be in writing, signed by the Board of Directors. Such waiver shall not be deemed an amendment of the Rules and Regulations. No waiver will be deemed a continuing waiver.

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SECTION 3 – CONDITIONS OF USE OF UTILITY SYSTEMS

3.1 WHO MAY USE. Potable water services will be furnished subject to the District's Rules and Regulations and only to property included within the boundaries of the District as defined in Exhibit C to the Service Plan. The District will use its best efforts to provide water in sufficient quantity and of quality for its Customers. The District does not guarantee water quality, quantity or pressure. Limitations and conditions may be imposed by the District with respect to the use of the Water System, new connections and the use of water when necessary for the health, safety and welfare of the District's citizens.

A complete application submitted to the District for a commitment to serve a property with water

service will be granted by the District upon compliance with the District's Rules and Regulations, the Service Plan and payment of all applicable fees and charges.

3.2 CONNECTION REQUIRED. All improvements requiring water service shall use the Water

System as the sole source of water, except for those properties on private wells exempted in Arabian

Acres, Trout Haven, and other unplatted tract properties, pursuant to the Service Plan and/or as allowed

by the State of Colorado, Water Resources Department.

3.3 APPLICATION FOR SERVICE. An application for service must be filed with the District

thirty (30) days prior to the requested connection date on forms provided by the District pursuant to

these Rules and Regulations. No Tap Permit or authorization shall be valid for more than 365 days from

the date of issuance. A diagram of the water meter location and arrangement, the location of the

remote reading device, a diagram of the Property Shut-Off Valve location and a site plan or

improvement plan shall accompany the application.

3.4 INCLUSIONS OF PROPERTY INTO THE DISTRICT'S SERVICE AREA.

The Service

Plan contains provisions concerning the inclusion of property into the District, service to new customers

and extraterritorial service by contract.

Real property included within the boundaries of the District shall be subject to all the Rules and

Regulations and policies of the District as they exist at the time of inclusion and as thereafter or

amended.

Service will be furnished only to property included within the District's boundaries as

determined by its decreed service area. Requests for inclusion shall be made pursuant to § 32-1-401, et

seq., C.R.S. The Petition shall be accompanied by payment of estimated engineering costs, legal fees

and costs associated with the inclusion and amending the Service Plan. All costs incurred by the District

for the inclusion and/or Service Plan amendment process are the responsibility of the Applicant, whether

or not successfully included. The Board reserves the right to impose additional terms and conditions it

deems reasonable and in the best interests of the District. An Owner who desires inclusion must include

all of its land serviceable by the Water System contiguous to the parcel on which service is desired into the District in one request.

3.5 SERVICE OUTSIDE THE DISTRICT. Service outside of the District's boundaries is not contemplated due to the service area decreed by the Water Court and Service Plan limitations. However, any service provided to property outside of the District boundaries shall be subject to these

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Rules and Regulations and any other agreements and conditions the Board believes necessary for the best interest of the District. Charges for furnishing service shall be the responsibility of the Owner at the discretion of the Board of Directors.

3.6 DENIAL OF APPLICATIONS. The District reserves the right to deny an application or service at the Board's discretion.

3.7 MOVED OR DESTROYED BUILDINGS. When buildings are moved or destroyed, the original tap authorization shall terminate and no credit shall be authorized for Tap Fees paid. The Service Line shall be capped immediately upon or prior to disconnection for the structure.

3.8 CHANGE IN CUSTOMER'S EQUIPMENT, SERVICE OR USE OF PROPERTY. No change in the Customer's equipment, service or use of property served shall be made without the prior notification of and approval of the District. Any change that, in the opinion of the District, will increase the burden placed on the Water System requires a re-evaluation of the Tap Fee. A Tap Fee previously paid with respect to the property in question shall be credited against the re-determined Tap Fee. The District may also require physical changes in the facilities through which service connects to the property as a result of the Customer's proposed change of use. Any violation of these requirements shall be deemed an unauthorized connection.

3.9 UNAUTHORIZED CONNECTIONS AND FEES. Any unapproved taps, unapproved use of the Water System or District Water, enlargement, or change in use shall be deemed an unauthorized connection. Upon the discovery of any unauthorized connection, or if the District believes a Customer

has changed the equipment, service or use of the property, the District shall send written notice to the

Customer stating that an unauthorized connection has been made to District facilities and the District's

intent to assess additional fees, unauthorized connection fees or other charges or discontinue service.

The Customer shall have ten (10) days from the date of the notice to pay the Tap Fee specified in the

notice or to otherwise respond. To defer the collection of fees, and as a prerequisite to the right to

hearing described in Section 7 of these Rules and Regulations, the response must include permission to

inspect the property as the Board deems necessary to establish the nature of equipment, service and use

of the property. Failure to respond as required shall be deemed an admission to the unauthorized

connection and an unauthorized connection fee or other charges shall be assessed against the property.

The unauthorized connection fee is an amount equal to twice the then-current Tap Fee.

3.10 REVOCATION OF SERVICE. Service may be revoked at the discretion of the District Board

upon non-payment of fees or charges or upon any violation of these Rules and Regulations. The

Customer shall be given not less than ten (10) days advance notice in writing, delivered to the property,

of revocation, which notice shall set forth:

a. The reason for the revocation;

b. 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

c. That there exists an opportunity for a hearing in accordance with Section 7 of these Rules

and Regulations.

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If the obligations are not satisfied or a request for a hearing, accompanied by a deposit equal to

the amount of any fees and charges specified in the notice, is not received by the District within ten (10)

days, the District shall disconnect the service and the Customer shall be assessed the cost of the

disconnection. The Customer's deposit for service, if any, shall be applied against the outstanding

obligation. Service will not be restored to any property until all obligations are satisfied and all charges

for turning off and restoring service are paid.

3.11 REVOCATION OF TAP RIGHTS. The right to connect to the District's Water System and receive services may be revoked by the District for non-payment of any District fees that remain unpaid for a period of ninety (90) days, whether or not the Customer has actually connected to the District's system. Revocation shall be conducted in accordance with these Rules and Regulations. If the right to connect to the Water System is revoked, the Customer may re-acquire Tap rights only by reapplying for service after paying all fees due and owing the District and the then-current Tap Fee charged by the District under these Rules and Regulations. See also § 3.16.

3.12 TURN-ON/TURN-OFFS OF SERVICE. There are two shutoffs provided on each Tap; No Owner may operate the District valve to turn on or off their water service. The District shall assess a charge as provided in Appendix A for each turn-on and turn-off performed. The District will provide this service without charge for a Tap for new construction, one time prior to the occupancy of the building served. All requests for a turn-on or turn-off of District service may be granted or denied by District Personnel in his/her sole discretion. Violation of this section and/or failure to pay the fee shall result in the assessment against the property served of a penalty of \$1,000.00, in addition to the Turn-On/Turn-Off Fee, and in addition to the penalties provided for unauthorized tampering with the District's system.

3.13 FAILURE TO CONNECT. The Customer's right to connect to the Water System evidenced by a Tap Permit shall terminate and any Tap Fee paid shall be forfeited if the Tap is not connected to the District's facilities within one year of acceptance of the Tap Application and payment of the Tap Fee unless (1) the property owner begins to pay and continues to pay the minimum service charge imposed for that Tap for each and every month, commencing with the payment of the Tap Fee, and (2) the property owner pays the Turn-On/Turn-Off Fee.

3.14 UNAUTHORIZED TAMPERING WITH SYSTEMS.

3.14.1 No unauthorized Person shall uncover, use, alter, disturb or make any connection with or opening into, use, alter or disturb the Water System without first obtaining a written permit from the

District. Unauthorized uses of the Water System include, but are not limited to, an unauthorized turn-on or turn-off of potable water or tampering with or in any way modifying any meter, even though the same may be performed on a privately owned and maintained Service Line. No Person shall maliciously, willfully, or negligently, break, damage, destroy, uncover, deface or tamper with any portion of the Water System.

3.14.2 Any Person violating any of the provisions of these Rules and Regulations shall become liable to the District for any expense, loss or damage occasioned by reason of such violation, and upon non-payment thereof at the demand of District Personnel, shall be assessed a penalty in an amount set

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forth in the District's fee schedule, which penalty shall be a lien upon the violator's property, as allowed by Section 32-1-1001, C.R.S.

3.15 WATER SYSTEMS. The District's Water System has been planned and constructed to provide potable water for conventional domestic and commercial uses. The water rights for District service have specific limitations regarding beneficial use. Irrigation and/or outdoor use of District water is strictly prohibited. All customers must abide by the constraints of the Water Court Decree. Limited livestock and pet watering is allowed on a limited basis. Each Customer must confer with the District prior to commencing any outdoor livestock or pet watering. Persons wanting to use the Water System for highdemand commercial water supply, which could require large quantities of water or unusual demand patterns, shall submit demand projections before a Permit will be issued. Any Permit may contain use limitations. No Taps will be permitted or made during non-business hours without specific, written approval of the Board.

3.15.1 Cross-Connection/Dual Supply. Cross-connections are prohibited. A cross-connection is defined as any physical arrangement whereby the District's water supply is connected, directly or indirectly, with any potable, non-potable or unapproved water supply system, sewer drain, well, conduit, pool, reservoir, plumbing fixture, drain or other device.

3.15.2 Fire Protection Sprinkler systems. If a fire protection water sprinkler system is to be used, a plan of the system shall accompany the application and shall be subject to the approval of the District. All fire sprinkler systems shall meet NFPA requirements and additionally shall meet the requirements of all the applicable fire protection district, county building and fire protection codes.

3.16 ENFORCEMENT. Any person who intentionally or negligently violates any provisions of these Rules and Regulations or conditions set forth in Permits shall be liable to the District. In order to affect its powers, the District may enter upon private property for the purpose of inspection and maintenance of facilities and may terminate service to property on which a violation of any of these Rules and Regulations is found to exist.

SECTION 4 – CONSTRUCTION OF FACILITIES

4.1 GENERAL POLICY. New service will be furnished only after the following conditions are satisfied:

- Regional Facilities needed to serve the area/Customer have been provided by the Board.
- All Local Facilities needed to serve the area/Customer are in place pursuant to a design and construction approved by the District's Engineer.
- All Permits have been approved and all required Tap Fees paid.
- The Service Lines have been installed in accordance with District standards and have been approved by District Personnel.

4.2 REGIONAL FACILITIES. Subject to the availability of funds, a determination of economic feasibility by the Board, and a determination by the Board that the best interest of the District are thereby served, the District will construct, on such terms and conditions it deems appropriate, the

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facilities as contemplated in the District's Service Plan. Unless specifically excepted by the Board in writing, all Regional Facilities within the District shall be owned by the District, including those to which there may be a right to refund or reimbursement.

4.3 LOCAL FACILITIES

4.3.1 Ownership. Developers or Owners who have completed construction of Local Facilities

shall, before these facilities are approved by the District for preliminary acceptance, deed lines and appurtenances to the District, free and clear of all liens and encumbrances, furnish a bond, in a form and amount previously approved by the District, to cover all maintenance for one year from the date of acceptance, and a summary of the actual original cost of all facilities, complete with verified invoices.

At the end of the one-year maintenance period, the District, upon application of the Developer or Owner, shall conduct a final inspection and when all warranty items are completed to the satisfaction of District Personnel, the District shall accept the lines for ownership, operation and maintenance.

4.3.2 Pipeline Sizing. Water distribution pipelines shall be sized adequately to serve the development tract for which they are designed as determined by the District. Where the distribution lines also have a transmission function serving areas outside of the lot or tract, as determined by the District's Engineer, or when the lines require upgrading pursuant to the provisions of the Service Plan for fire flows or other purposes, the District may require that the lines be oversized or upgraded. In such case, the District will enter into an agreement to collect reimbursements for the extra cost of oversizing or upgrading from Applicants who will benefit from the existence of the oversized line.

4.3.3 Preliminary Design Procedures. Water distribution may be accomplished by the District or by an Engineer registered in Colorado, at the Developer's option and expense. All preliminary plans and final designs must be prepared by or reviewed by the District's Engineer and approved by the Board. In any case, the District Engineer or Inspector shall perform prescribed inspection services.

Any Developer desiring to have water service extended shall fill out a main extension application available in the District's office. After preliminary review, the Developer may proceed with final design. Normally, during the preliminary review phase the pipeline sizing will be reviewed and oversize/upgrade requirements will be established.

4.3.4 Easements/Rights-of-Way. All Regional and Local Facilities must be installed in

trenches containing no other conduits and in easements and rights-of-way conveyed to the District. The location and depth of such installations shall be as determined by the District's Engineer. The topography and alignment of such rights-of-way shall be suitable for the installation as determined by the District's Engineer.

4.3.5 Final Design. The extension application and final design documents will be furnished to the District Engineer for review.

The submittal shall include construction drawings, specifications and other contract documents.

The documents shall be prepared by a registered engineer. In all cases, the contract documents must be reviewed and approved by the District. Plan and profile drawings shall be on a horizontal scale 1" = 50'

(other scales may be accepted, as determined by the District Engineer). All elevations must be USGS

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datum. Where practical, elevations of existing District facilities shall be field verified in the final

design. Designs and specifications must include the provisions included as Appendix B with other

detailed provisions as required by good engineering practice, all subject to the Board's approval.

Designs shall be submitted for review at least thirty (30) days before approval is expected.

Plans, specifications and easements submitted for Board approval must be complete and meet with the

approval of the District Engineer. Design approvals are valid for 12 months from the date of Board

approval unless otherwise specifically noted in the approval. If construction is not substantially

complete by that time, resubmittal of the plans may be required and new construction may not be

initiated without District Personnel's written approval.

4.3.6 Construction Phase. After all approvals have been granted, the Developer must have the

extensions constructed in strict accordance with the approved design and inspected by the District's

Engineer or Inspector.

4.3.7 As-Built Drawings. Accurate "as-built" drawings (sealed by the design engineer)

showing adequate ties to physical facilities must be provided at the completion of work. The District

and its Engineer shall be provided with a reproducible set of "as-built" drawings.

As-built drawings shall conform to the "Typical As-Built Information" in Appendix B.

4.3.8 Maintenance. The District operates and maintains all potable water mains within the District which have been completed; have final acceptance and are dedicated to the District.

4.4 PERMITS REQUIRED. The right to take and use water distributed through the facilities of the District or from District ponds shall exist only under Permit. No physical connection may be made or modified for any purpose unless a Permit has been obtained authorizing the use for which such a connection is to be made. Notwithstanding the issuance of such a Permit, the District reserves the full power and authority to determine all matters in connection with the control and use of water from the Water System.

4.4.1 Transfer of Permits. Permits are granted for property and cannot be transferred or conveyed for use on another property. They are not affected by changes in the ownership of the premises and are usable only in accordance with the terms of the Permit.

4.5 PERMIT ISSUANCE. A Permit to take and use water from the Water System may only be issued under the following conditions:

4.5.1 Application. The Applicant or his agent shall submit to the District a completed, signed, application for service on a form supplied by the District similar to the form attached as Appendix D.

4.5.2 Payment of Fees. Payment of all District fees as set forth in Appendix A shall be made before a Permit is given.

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4.6 FIRE PROTECTION SERVICE. The District accepts no responsibility and makes no representations concerning the adequacy of its water supply, service or facilities for the purposes of fighting fires or for use of automatic fire suppression systems.

4.7 INITIATION AND CONTROL OF SERVICE

4.7.1 Initiation of Service. The property owner shall schedule a mutually agreeable time for tapping of the main, inspection of the Service Line installation, and water turn on with District Personnel, providing at least two business day's prior notice. The actual connection to the Main shall be

performed exclusively by District Personnel as part of the Tap Fee paid by the Customer. In no event shall service be provided prior to the final inspection and approval of the connection or without a temporary approved meter being installed by the Owner and inspected by District Personnel. No connection shall be covered until inspected and approved. The Owner shall be solely responsible to adequately prepare for any initiation of service. If the Owner fails to excavate and execute the Tap at the scheduled time and date, or fails to properly initiate the service, the Owner shall pay to the District an hourly charge per the District Fee Schedule for time spent by District Personnel. Under no circumstances shall the Owner initiate any excavation of District water mains without District personnel present. The Owner shall prior to excavation of the water main locate water main shutoff valves on either side of the tap location and excavate access to water main valves and install valve keys in each valve for emergency shutoff as needed. District personnel shall oversee the valve excavation and installation of the valve keys at each location. On the date of the tap, Owner shall have sufficient personnel standing by for the purpose of shutting down the main in the event of an emergency, throughout the excavation of the main, the tap procedure, and the backfill process. All excavations will be in compliance with all applicable rules and regulations. The District shall bear no responsibility for any damage or injuries resulting from initiation of service.

4.7.2 Insurance/Deposit. All contractors performing work on or related to the water system shall be licensed in their field and provide proof of insurance to the District prior to the performance of any work. In addition, to ensure satisfactory performance and completion of his work, the customer or contractor shall submit a \$15,000 security bond with the District prior to beginning any excavation or construction work. The bond will be returned upon satisfactory completion of construction. In the event of any damage caused to the District property as a result of such construction or failure to satisfactorily complete the work, the bond will be retained by the District to offset any costs of repair or cure. The

contractor and customer shall be solely liable for the payment of any additional repairs made necessary as a result of such excavation or construction.

4.7.3 Customer's Liability For Contractors. Customers shall be fully responsible for any and all damages caused by their contractors and all subcontractors, or other noncompliance with these Rules and Regulations

4.8 SERVICE LINES AND CONNECTIONS.

4.8.1 Design-Construction. Services shall not be used until inspected and approved by District Personnel. Cost for this inspection service is included in the Fee Schedule as set forth in Appendix A.

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4.8.2 Pressure Regulating Valves. All Service Lines shall be equipped with a line-pressure regulating valve – except in areas specifically exempted by the District's Engineer. Pressure regulating valves shall be upstream of all uses. The pressure regulating valve shall be set for a downstream pressure not exceeding 80 psi. A water pressure relief valve shall be installed on the plumbing of every Customer.

4.8.3 Service Lines. Each commercial structure shall pay for a commercial water tap and shall be connected to a separate Service Line. Each residential structure shall pay for a residential Tap and shall be connected to a separate Service Line. Any variance from this requirement must be authorized in writing by the Board of Directors of the District.

SECTION 5 – MAIN EXTENSIONS

5.1 COMPLIANCE WITH RULES AND REGULATIONS. Main extensions shall comply with these Rules and Regulations and the District's specifications for water line construction.

5.2 MAIN LINE EXTENSIONS BY THE DISTRICT. The District has the right to construct all main lines within the District. Developers who desire to construct such main lines prior to the date planned by the District may do so as provided in Section 5.4.

5.3 PROCEDURE FOR MAIN LINE EXTENSION BY THE DISTRICT. The District shall have no obligation to extend any main line at any time. The District may construct any main line if the Board deems it in the best interest of the District to do so.

5.4 PROCEDURE FOR MAIN LINE EXTENSION BY DEVELOPERS. In the event an owner or developer wishes to construct or extend a main line prior to any planned construction by the District, the District may permit an applicant to construct main lines within the District, to District specifications and requirements, at the sole expense of the Applicant. Permission shall be granted upon such conditions as the Board may determine in its sole discretion.

5.4.1 Application for Approval. Any Applicant desiring to construct a main line within the District shall make formal application to the Board for approval. The application shall be in writing and contain a legal description of the property to be served by the main line, plans and locations for such extension, and any other information required by the District in its discretion.

5.4.2 Costs.

a. Deposits with the District. Prior to the execution of the main line extension agreement, the Applicant shall deposit with the District an amount determined by the District as 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 for and construction of the main line. The District may also require a deposit, bond, or letter of credit from the Applicant to assure the District that the proposed main line extension will be completed.

b. Supervisory Fees. All main line extension and construction within the District shall be made under the supervision of District Personnel, at the sole expense of the Applicant.

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5.4.3 Over-Sizing of Main Lines. The Applicant shall be responsible for over-sizing main line extensions as required by the District. The size of the main line required to serve any area served by the District shall be determined by the District.

5.4.4 Acceptance of Completed Lines.

a. One Year Warranty. Each Applicant shall provide the District with a one year warranty from acceptance of the line by the District, during which the contractor hired by the Applicant shall promptly, without cost to the District, correct any defective work. All main lines

constructed shall be accepted by the District upon proper completion of construction, subject to the one year warranty period. All inspection fees required by any governmental authority, including the District, incurred during the warranty period shall be the obligation of the Applicant.

b. Documentation Required. Prior to the acceptance of the main lines by the District, the Applicant shall provide to the District a statement of the certified costs of reproducible and complete as-built drawings, a bill of sale conveying the main lines and all appurtenances, free and clear of all liens and encumbrances to the District. The contractor may be required to furnish to the District a surety bond or other acceptable guarantee, insurance policy, or other collateral which shall guarantee performance of the contractor's one year warranty from the date of acceptance of the main lines by the District.

5.4.5 Cost Recovery. In the event the Owner/Developer is required by the District to extend main lines or construct Regional or Local Facilities as a condition of service, the District will enter into a cost recovery agreement under which the Owner/Developer may obtain reimbursement from other Properties that receive a benefit. The terms and conditions of cost recovery will be determined by the District. The costs recovered may be less than the costs incurred.

5.5 LOCATIONS OF MAIN LINE EXTENSIONS. The District shall maintain sole discretion and control over the location of any main line extensions. Main lines shall be installed in road or street rights-of-way, as well as in easements granted to or acquired by the District. Each Applicant who desires service shall acquire and grant to the District appropriate and necessary rights-of-way and easements in which will be construction of such facilities.

5.6 WATER SYSTEM – ACCEPTANCE AND RELEASE FOR TAPS. A main shall be preliminarily accepted by the District and released for tapping when the following conditions have been met.

a. The main and all appurtenances have been installed to the satisfaction of the District Engineer.

b. All as-built notes and measurements have been made and supplied to the District in an acceptable Auto Cad format and are approved by the District.

c. The main has been properly chlorinated prior to hydrostatic pressure testing.
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d. The main has been successfully pressure tested to the requirements of the District.

Hydrostatic pressure testing is mandatory.

e. The local health authority has supplied the District satisfactory bacteriological test results.

f. All compaction test results required by the District have been submitted and approved.

g. All easements have been granted and approved by the Board.

h. The Owner/Developer has submitted a letter to the District Engineer documenting the installation costs for the project.

i. For water mains constructed outside of the public right-of-way, drawings shall be

submitted indicating the “as constructed” location of water mains within the boundaries of

recorded easements. These drawings must be certified by a registered land surveyor.

j. The District’s Conveyance and Acceptance Form for preliminary acceptance have been

dated and signed by the District.

Until these matters are accomplished, no rebates or participation or approval for other projects

will be granted.

SECTION 6 – RATES AND CHARGES

6.1 GENERAL. The District is authorized by Section 32-1-1001 of the Colorado Revised Statutes

to assess fees, rates, tolls and charges for the facilities and services that it provides.

6.2 SERVICE CHARGES. The Schedule of Fees, Rates, Tolls and Charges attached hereto as

Appendix A sets forth the current fees and charges for services provided by the District. The Schedule

may be modified and fees, rates, tolls and charges may be increased or decreased at any time by action

of the District’s Board of Directors without notice.

6.3 TAP FEES. Tap Fees shall be charged to all Customers of the District for a permit to connect to

the System. Such fees are privilege-of-service fees, which shall be assessed and paid before the Permit

for service is issued. Except as described below, Tap Fees shall be assessed as provided for in Appendix

A. Payment of a Tap Fee based upon an EQR is not a guarantee of the availability of any particular quantity of water.

6.4 TRANSFER OF TAP FEES.

6.4.1 Transfer Requirements. No Tap Fee paid on behalf of one property, or any portion thereof, may be transferred to any other property without written approval from the District's Board of Directors.

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6.4.2 Transfer Fee. In the event a transfer is approved by the Board of Directors, the Owner shall pay to the District the difference between the Tap Fee which would otherwise be charged on the date the transfer is requested for the property to which transfer is being sought, and the Tap Fee previously paid, but in no event shall the District make a credit or refund.

6.5 INSPECTION FEES. Inspection Fees are set administratively by the Board of Directors and may vary from time-to-time.

6.6 MULTIPLE INSPECTIONS. If multiple inspections are required because of poor installation or poor scheduling on the part of the Owner, additional inspection fees may be required of the Owner.

6.7 ADJUSTMENT OF SERVICE CHARGES. In those situations where the fees and charges shown on Appendix A do not represent a fair, reasonable and equitable charge for the intended use, the Board, in its sole discretion, may adjust the fees and charges for the special circumstances.

6.8 PAYMENT OF FEES AND SERVICE CHARGES.

6.8.1. Billing. It is the policy of the District to bill all Bi-monthly service charges in arrears.

The District shall have the right to issue only one (1) bill for a multi-unit structure served from a single approved Service Line that is not separately metered.

6.8.2 Due Date. The Customer shall pay to the District within fifteen (15) days after the date shown on the statement the full amount of that statement. Where the Customer believes said statement is in error, the customer must file within fifteen (15) days after the statement date, in writing, a notice to the District of the presumed error and request a clarification from the District Administrator. Upon

review by the District Administrator and re-submittal and/or revision of the statement, payment shall be due no later than fifteen (15) days from the date of the resubmitted statement.

6.8.3 Penalty for Late Payments. At any time the customer is fifteen (15) days tardy in payment of any fees or charges due the District, the District shall assess late fees, penalties and interest at the maximum rate allowed by Colorado statute. The District has the right to assess all legal, fees, disconnection and other costs necessary to or incidental to the collection of past due accounts.

6.8.4 Collection of Delinquent Amounts. In addition to any other means of collecting delinquent fees, rates, tolls, penalties, charges or assessments made or levied for water service, including charges for availability of service, the District may certify the delinquent amounts to the County Treasurer for collection in the same manner as property taxes. The District shall charge a fee for the administrative costs of this collection method, which fee shall be added to all delinquent amounts, including other penalties and interest charges, before certification.

6.9 FEES FOR FORECLOSURE PROCEEDINGS. At any time it becomes necessary for the District, following efforts to collect any fee or charge assessed by the District under these Rules and Regulations and/or Colorado law, to initiate foreclosure proceedings as allowed by Section 32-1-1001(l)(j), C.R.S., the District shall assess a foreclosure fee against the subject property for its costs of foreclosure, and shall be included in the amount then being foreclosed. Payment of all outstanding fees, 15

rates, tolls, charges and assessments against the subject property shall be a precondition to either resumption of service or issuance of a Tap Permit.

6.10 CONSTRUCTION WATER CHARGE. Any person who desires to have water service available for construction use prior to meter installation shall pay the full Tap Fee and have a temporary meter installed and inspected pursuant to these Rules and Regulations.

6.11 For all construction water accounts, a separate inspection and inspection fee will be required.

SECTION 7 – HEARING AND APPEAL PROCEDURES

7.1 APPLICATION. The hearing and appeal procedures established by this Section shall not

apply to the following complaints:

- a. Complaints arising out of the interpretation of the terms of District contracts;
- b. Complaints that arise with regard to personnel matters; and
- c. Any other complaint that does not concern the interpretation, application or enforcement of the Rules and Regulations.

7.2 INITIAL COMPLAINT – RESOLUTION. Complaints must be presented in writing to

District Personnel concerning the interpretation, application or enforcement of these Rules and

Regulations. District Personnel shall complete review of the allegations contained in the complaint and

take such action and/or make such determination as may be warranted and shall notify the party of the

action or determination by mail within fifteen (15) days of receipt of the complaint.

7.3 HEARINGS BEFORE THE BOARD. In the event the party disagrees with the determination

of District Personnel, the party may, within fifteen (15) days from the date of the mailing of the

determination, file a written request for a hearing before the Board. The request for a hearing shall set

forth with specificity the facts and/or exhibits to be presented at the formal hearing by the party. The

Board shall hold a hearing on the complaint at the next regularly scheduled meeting held no earlier than

twenty (20) days after the filing of the request for a hearing. At the hearing, The District Personnel and

the party shall be entitled to present evidence. The Board may establish rules and procedures governing

the hearing. A record of the hearing shall be maintained.

7.4 BOARD'S FINDINGS. The Board shall issue a written decision and shall cause notice of the

decision to be hand delivered or sent by certified mail to the party within forty-five (45) days of the

hearing. The decision shall be final and binding upon the District and the party and shall constitute the

final administrative action of the District.

7.5 FINAL DETERMINATION. The Board's determination shall be final. In the event of any

litigation concerning the Board's decision, the District shall be entitled to recover its costs and attorney

fees if it is successful.

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SECTION 8 – MISCELLANEOUS

8.1 CONSTRUCTION WITHIN EASEMENTS.

8.1.1 Prohibition. No structure or facility of any type including trees, woody shrubs or landscaping features shall be constructed within, under or over, or which encroaches on any easement, right-of-way or dedication granted to the District, or public easements, rights-of-way or dedications that benefit the District, without the express written consent of the District. No billboard, sign, notice or advertisement, whether of a permanent or temporary nature, shall be constructed or posted within any easement, right-of-way, roadway or other property belonging to the District.

8.2 VARIANCES. Upon written application, the Board may in its sole discretion, grant written variances to allow construction within, under or over, or which encroach on District easements. All variances must be signed by the Owner to be benefited and shall specify that the Owner will indemnify and hold the District harmless from any damage to the Owner's structure or facilities, or any landscaping, located within District easements which may occur as a result of the District's exercise of its easement rights. The variance shall be recorded with the Clerk and Recorder of Teller County and will constitute covenants that run with the land.

8.2.1 Removal of Unauthorized Structures. The District may remove any unauthorized structure, facilities or landscaping located within any district easement, which is inconsistent with the District's use of such easement. The District shall not be responsible for repair or replacement of unauthorized structures, facilities, or landscaping required as a result of the District's exercise of its easement rights.

8.2.2 Private Use of Easements. Except where the language of an easement so provides, private use of District easement is prohibited.

SECTION 9 – GENERAL PROVISIONS

9.1 SEVERABILITY. If any provision of these Rules and Regulations, or its application to any person or circumstances is held invalid, the application of such provision to other persons or circumstances, and the remainder of these Rules and Regulations shall not be affected thereby.

9.2 MODIFICATION, WAIVER AND SUSPENSION OF RULES. The Board shall have the

sole authority to waive, suspend or modify the application of these Rules and Regulations. Any such waiver, suspension or modification must be in writing, signed by the Board or District Personnel and shall not be deemed an amendment of the Rules and Regulations.

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**APPENDIX A
SCHEDULE OF FEES/CHARGES
(Amended March 24, 2006)**

ITEMS FEES/CHARGES

¾" Residential Water Tap Fee \$8,000.00
Administration Fee for Collections \$50.00
Construction Water Charges \$250.00
Foreclosure Fee \$100.00
Hydrant Usage Fee \$55.00
Inspection Fee \$45.00
Late fee on Bi-Monthly Water Bills \$10.00 plus 1.5% per billing period
Main Line Deposit Per Case
Meter Certification Fee \$350.00
Meter Reading Fee (other than standard Bi-monthly read) \$45.00
Service fee per month \$40.00
Operator charge on Service Leaks/Repairs after hours \$22.00 Per Hour
Returned Check Fee \$20.00
Service Deposit \$50.00
Tap Transfer Fee *TBA
Turn Off for Non Payment \$50.00
Turn On/Off at Owner's Request \$35.00
Turn On for Renewal of Service after non-payment \$50.00
Unauthorized Connection/Tampering Fee \$1,000.00
Usage Rate per (1000) gal \$8.00

***To Be Assessed**

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**APPENDIX B
ARABIAN ACRES METROPOLITAN DISTRICT
SERVICE LINE STANDARDS**

B-1 GENERAL. The sizing of service lines shall be the responsibility of the Applicant. When requested by the District, the Applicant shall, at his expense, furnish data, plans, calculations or other information as required for the evaluation of the service size.

B-1.1 Point of Connection: Service lines shall connect to the Water System in a dedicated easement or public right-of-way where the District has a right of access and which is suitable for the buried pipe.

B-1.2 The Customer, for a service connection, shall notify the District 48 business hours prior to when the Service Line is ready for connection to the District's water main. The connection to the main shall

not be made until after the District's inspection and approval. Authorized personnel of the District shall make the actual connection to the main.

B-1.3 Where parallel or approximately parallel to a structural wall, the Service Line shall be a minimum of 5' from the wall. Penetrations through structures shall be at approximately right angles and shall provide flexibility such that the Service Line will not be damaged by settlement of the backfill or the structures.

B-1.4 All Service Lines shall be constructed in accordance with applicable Building and Plumbing Codes, and the standards contained in this Appendix. The Appendix details are provided for standardization purposes only, and represent minimum design standards that may require upgrading for specific applications at the discretion of the District.

B-2 POTABLE WATER SERVICES

B-2.1 Sizing. Sizing for potable water services shall be made in general conformance with A.W.W.A.

Manual M11, "Sizing Water Service Lines and Meters".

B-2.2 Location. The Facilities and Service Lines shall be laid at uniform grade and in straight alignment so as to have a minimum cover of 7 feet from final finish grade.

B-2.3 Meter. The meter shall be located at an easily accessible location inside a building, with freeze protection where necessary, on the premises to be served, provided that there will be no possibility for water to be taken from the service line without passing through the meter. A remote reading device shall be installed in an accessible and clear location on the front or driveway side of the structure, A minimum of 5 foot above finished grade.

B-2.4 Cross Connections. Cross connections of any type that permit a backflow condition from any source other than the District's water mains are prohibited. The District will not provide service to any Customer unless the water supply is protected from potential or actual cross connections as required by State and District regulations.

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B-2.5 Pressure Regulation. All Service Lines shall be equipped with a pressure-reducing valve (PRV), except where specifically exempted by the District. See Section B-2.9 below. The PRV shall be

upstream of all uses. The PRV shall be set for a downstream pressure not to exceed 80 psig.

B-2.6 Water Service Line Materials.

Water Service Pipeline: The water service pipeline shall be Type K, soft copper. Fittings shall

be brass or copper alloy. Connections shall be with District supplied fittings and no soldered joints shall be permitted underground.

Curb Stops: The District shall supply curb stops.

Curb Stop Valve Boxes: The District shall supply curb stop valve boxes. Curb stop valve boxes shall be installed immediately inside the Owners property line in an easily accessible location at the required depth. The standpipe shall be installed at (flush) or slightly above finish grade. All curb stop valve boxes shall be marked with a District supplied 5' blue 'T' post beside the stop box.

Customer Operable Valve: A Customer operable valve must be installed inside the building foundation somewhere between the service line entrance to the structure and the PRV and Meter of the structure serviced.

Service Saddles: Service saddles shall be furnished by the District or approved by the District.

B-2.7 Meters. Shall be provided by the District. The District will maintain and repair, or replace the water meter and remote reader at its sole discretion.

Meters: All meters shall be of a type supplied by the District.

B-2.8 Excavation, Bedding and Backfill. All excavations for water service installations shall be adequately guarded with barricades and lights to protect the public from hazard in conformance with

Teller County Department of Transportation Regulations. Roadways, sidewalks and other public or private property disturbed in the course of work shall be restored as close as practicable to its original condition in a manner satisfactory to the property owner affected by such excavations.

The pipelines shall be bedded and backfilled in accordance with all applicable codes, rules, and regulations, including bed and backfill with a minimum of 6 inches below and above with sand or quarry crushing material.

All excavations required for the installation of water service shall be open-trench work unless

otherwise approved by the District. All excavations shall be made in accordance with all applicable

OSHA standards and Teller County Department of Transportation Regulations.

B-2.9 Pressure-Boosting Applications. All properties in the vicinity of the Water Storage Tank will need a pressure-boosting system. The purchase, installation, and maintenance of the pressure – boosting system will be the responsibility of the Owner. Pressure-boosting systems must have a low-pressure safety cut off switch on the incoming line. The general areas for pressure-boosting systems are upper
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Donzi Trail and all of Sildonna Trail in Arabian Acres. Upper Pawutsy Road and upper Kutsu Ridge Road in Trout Haven are also areas for pressure-boosting systems. The Owner must contact the District for precise locations that will require a pressure-boosting system. The pressure-boosting system design is subject to approval by the District, prior to installation.

APPENDIX C

ARABIAN ACRES METROPOLITAN DISTRICT

LOCAL DISTRIBUTION/COLLECTION SYSTEM STANDARDS

C-1 GENERAL. Local Facilities are considered to be engineered improvements designed for specific applications. All designs, drawings, and specifications submitted to the District must be certified by a registered engineer prepared by, or under the direction of an engineer registered in Colorado (the “Engineer of Record”), whose seal must be on a record set of documents.

The standard details and specifications contained herein are minimum design standards of the District. The Engineer of Record must also design in accordance with the minimum standards of other regulatory agencies. Review and approval of Local Facilities designs by the District shall not relieve the Engineer of Record from responsibility for adequate design.

C-2 DRAWINGS. All design drawings shall be in an acceptable format and to scale approved by the District.

Prior to the construction or installation of any Local Facilities or Service Lines, the Developer/Owner shall submit design documents to the District for review and approval. Each construction drawing set shall have an “approval block” affixed thereto which provides for the signatures of the District’s Engineer and the Fire Protection District, if applicable. The Developer/Owner shall also provide a complete set of record drawings for the Facilities and

the record drawings shall show adequate dimensioned ties to surface features for all buried facilities to allow for future locating.

C-3 REQUIRED EASEMENTS. The Developer/Owner shall be responsible for obtaining any easements required for the construction, maintenance, and operation of the facilities located outside of existing easements or public rights-of-way. A Registered land Surveyor in the State of Colorado shall prepare the legal description for the easements. The District's standard easement form shall be used. Easements shall be shown on the construction drawings. The District will not approve construction plans and authorize commencement of construction until all required easements have been conveyed to the District and accepted by the District.

In general, easements shall be exclusive with a minimum width of 24 feet. Temporary construction easements shall have a minimum width of 30 feet (beyond the width of the permanent easement). Wider easements may be required for deep sections of pipeline, multiple lines, or where otherwise required by the District.

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C-4 POTABLE WATER DISTRIBUTION SYSTEMS

C-4.1 Design/Sizing. Water Mains shall be designed to meet maximum hourly demand with pressures not less than 40 psi at any point in the distribution system. The normal minimum size Water Main shall be eight inches (8") or six inches (6") for short looped lines in single-family residential areas. The District may approve smaller Water Mains, for deadend Mains without fire hydrants or without the possibility of future tie-ins with other Mains. Water Main sizing and connections shall be reviewed with the District Engineer prior to final detailing and drafting. The systems shall be designed to maximize interconnections and strengthening of the District's Water System. Where certain lines may also have a transmission function, the District may require that such Mains be oversized. Water Mains and Service Lines shall have a minimum cover of seven feet. Water Mains and Service Lines shall not be placed deeper than ten feet without approval by the District.

A five-foot minimum horizontal separation is required between the District's facilities and any other utility lines. When located in public roadways, Water Mains shall be located approximately eleven feet north of, or east of, and parallel to, the roadway centerline. Whenever a crossing will occur within ten feet horizontally of a Water Main, and where the Water Main is not at least 18" vertically clear from the crossing utility line, special construction may be required pursuant to the District Engineer's specification.

C-4.2 Pipe. All Water Mains shall be C-900 PVC pipe. Pipe joints shall be push-on type or mechanical joints in accordance with ANSI A21.11.

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 5¼" and be adjustable in length and of the slip 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. Valve boxes shall be installed 6" below the surface in unsurfaced roads and all other areas.

C-4.3 Line Installation. Water Lines shall be installed in a thorough and workmanlike manner in accordance with the Design Documents that have been approved by the District.

The minimum bedding and backfill requirements for lines 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.

C-4.4 Testing. 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 will 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

C-4.5 Disinfection. All Water Mains shall be disinfected in accordance with A.W.W.A. 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. As an alternate to the addition of chlorine, the

Contractor may affix chlorine tablets to the top of the pipe using approved glue.

After filling the line,

the chlorine content must not be less than 50 ppm. The Chlorine solution shall be left in the 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. The system must then be flushed at a rate not less than 2

fps, until chlorine residual has dropped to normal levels, ± 1.0 ppm. After achieving a normal chlorine

level and at the end of 24 hours, a bacteriological test is to be performed by a certified laboratory or

local health authority to insure adequate disinfection. All chlorination work must be done under the

supervision of the Engineer of Record.

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APPENDIX D

ARABIAN ACRES METROPOLITAN DISTRICT APPLICATION FOR WATER TAP PERMIT

1. The undersigned Applicant hereby requests authority from the Arabian Acres Metropolitan

District ("the District") to tap into the water lines of the District for a residential lot located within the boundaries of the District, being identified as (legal description):
with a street address of:

2. Applicant acknowledges that he/she has been provided with, has read and is familiar with the Rules and Regulations of the District.

3. All of the following items must be submitted to the District by the Applicant with this

Application form:

a. Copies of Teller County building permit and any required road cut permits.

b. A diagram depicting the water meter, remote reading device, and property shut-off valve

locations, along with a site or improvement plan.

c. Original certificate of current general liability insurance by licensed excavator, showing

Arabian Acres Metropolitan District as the certificate holder.

d. Tap Fee payment required by the District's Rules and Regulations.

e. \$15,000 security bond.

Applicant understands that this Application cannot and will not be considered without these documents.

4. Applicant shall not be allowed to connect to the District water system without written approval

of this Application, payment of the tap fee, any other applicable fee and compliance with the Rules and

Regulations of the District.

5. Applicant is bound by the Rules and Regulations of the District and that he/she shall comply

with those Rules and Regulations as they may be amended from time to time.

6. Prior to beginning any excavation work within the District, Applicant shall contact the District to

determine the approximate location of the water mains. District personnel shall be present at all excavations

and no excavation work shall be permitted without District Personnel present.

7. The water tap and fee paid may not be transferred to any other person or property except with the

written permission of the Board, which approval shall be in the sole discretion of the Board.

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8. The water meter and remote reader supplied by the District are required to be installed, and that

the installation and location of the meter and remote reader shall be subject to the approval of the

District.

9. The District shall not in any event be responsible or liable for any costs, damages, or liabilities

associated with the construction, installation, or operation of any private water lines.

10. In no event will water service be initiated prior to full compliance with the above requirements, together with written approval of this Application and issuance by the District of a Tap Permit.

11. This Application is specific to the documents submitted with this Application. Any expiration of those permits or approvals shall require the Applicant to re-apply for the Water Tap Permit. Any change to the attached documents while this Application is pending will require the Applicant to supplement or amend this Application.

Dated this ____ day of _____, 20__.

Applicant

APPROVED THIS ____ day of _____, 20__.

Applicant:

Legal Description:

Street Address:

WATER TAP FEE PAID: \$

ARABIAN ACRES METROPOLITAN DISTRICT

By: _____

Secretary, AAMD Board of Directors

The use and any transfer of this permit is governed, controlled and restricted by the Rules and

Regulations of the Arabian Acres Metropolitan Water District.

This Permit is effective this ____ day of _____, 20__.

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