

FORM NO. 13

PSC MO No. 13

1st Revised Sheet No. R 48
Cancelling Original Sheet No. R 48

Missouri-American Water Company
Name of Issuing Corporation

For

Missouri Service Area
Community, Town or City

Rules And Regulations Governing The Rendering of
Water Service

RULE 23 EXTENSION OF COMPANY MAINS

A. This rule shall govern the extension of the Company's water mains after the date hereof which are necessary to serve Customers within its service area. The Company's water mains can be extended within the service territory of each of its operations within the State of Missouri either by the Company's forces, Company's contractor or by an Applicant's contractor in accordance with Company's standards and contractual requirements. For any design/installation option, the following terms and conditions shall apply:

1. When an Applicant makes a request for an extension of water main, the Company shall first determine the closest adequate and reliable source of water in its existing distribution system. The Company will then determine the sizes, types, route and location of mains, loops and other tie-ins if necessary, replacement and upsizing of existing mains if necessary to meet the Applicant's requirements, and ancillary equipment needed to serve Applicant's property. Design of the extension will be based on domestic flow requirements as stated by the Applicant and fire flow requirements as determined by the local fire authority and the direct impact of the additional domestic flow and fire flow requirements of the Applicant to the Company's existing Customers. If there is no local fire authority or the local fire authority declines to impose a flow requirement, then the fire flow requirements will be determined by the Applicant and approved by the Company. At a minimum, the fire flow requirements determined by the Applicant will meet Insurance Services Office, Inc. (ISO) standards. The local fire authority will determine fire hydrant locations unless there is no local fire authority or the local fire authority declines to locate fire hydrants, in which case the Company will determine the fire hydrant locations. +
2. The Company will be responsible for all main extensions where the cost of the extension does not exceed four (4) times the estimated average annual revenue from the new Applicant(s) whose service pipe(s) will immediately be connected directly to the extension and from whom the Company has received application(s) for service upon forms provided by the Company for this purpose. New Applicants shall be those who commit to purchase water service for at least one year, and guarantee to the Company that they will take water service at their premises within one hundred twenty (120) days after the date the Company accepts the main and determines it ready for Customer service. Estimates of annual revenue will be made by the Company, and will be based on the experience of the Company from the previous year regarding use of water by other Customers similarly situated.
3. If the estimated cost of the proposed extension required in order to furnish general water service exceeds four (4) times the Company's estimate of average annual revenue from the new Applicant, the Applicant and Company shall fund the remaining cost (i.e., total cost less four (4) times the estimated average annual revenue from any new Applicant(s)) of the proposed water main extension at a ratio of 95:5 (i.e., 95% Applicant funded and 5% Company funded) for St. Louis Metro District, and 86:14 (i.e., 86% Applicant funded and 14% Company funded) for all other districts.
4. Applicants requesting a main extension to serve a single premises in a recorded, residential single lot development can choose the aforementioned option in Provision A.2. and 3., above, or the option whereby the +

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DATE OF ISSUE: September 6, 2013

DATE EFFECTIVE: October 6, 2013

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727 Craig Road, St. Louis, MO 63141
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Filed
Missouri Public
Service Commission
JW-2014-0117

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Company will be responsible for all of the costs, except easement acquisition, associated with extending the main up to one hundred feet (100') (Free Extension). If the main extension required is greater than one hundred feet (100') in length, all costs above the Free Extension shall be borne by the Applicant calculated on a per-foot basis.

5. The Applicant/Company funding ratio of 95:5 for St. Louis Metro District and 86:14 for all other districts, will only apply to the cost for main extensions and may include, but is not limited to, all material and labor costs of piping, public fire hydrants (as applicable), valves, fittings, casing pipe, inspection fees, testing (including but not limited to: bacteriological, chlorination, de-chlorination, pressure and flushing), water used for flushing purposes, and all overheads charged to all materials, labor, services, etc. provided by the Company.
6. The Applicant/Company funding ratio of 95:5 for St. Louis Metro District and 86:14 for all other districts, shall not apply to restoration charges or easement acquisition costs. Applicant will be responsible for one hundred percent (100%) of the restoration charges and easement acquisition costs for the main extension, except the Company will be one hundred percent (100%) responsible for restoration charges related to the Free Extension.
7. In those instances where the Company determines that the water service requirements, including supply for fire protection of the Applicant requires the reconstruction, replacement or reinforcement of the Company's existing water mains or other appurtenances (e.g. Pressure Reducing Valves, Booster Stations, Air Valves, water service lines, etc.), the Applicant will be responsible for such reconstruction, replacement or reinforcement including all the material, labor costs, engineering and engineering review, inspection fees, testing (including but not limited to: bacteriological, chlorination, de-chlorination, pressure and flushing), restoration costs, all abnormal layout or layout review costs incurred by the Company as well as all overheads charged to all materials, labor, services, etc. provided by the Company. The Applicant may also be responsible for all, or a portion, of the costs for any new booster stations, water storage tanks, and water plant upgrades that Company determines are necessary solely to provide service to the development for which the main extension is requested.
8. The Applicant will also be required to pay all costs associated with the acquisition and preparation of any easements or permits necessary for the installation of the aforementioned facilities relating to the main extension.
9. The Applicant or the Applicant's authorized agent shall contract with the Company for such extension in accordance with the Company's standards and contractual requirements.

B. Installations by the Company or Company's Contractor: If the Applicant or Applicant's authorized agent contracts with the Company to install the main extension, the following shall apply:

1. At the Applicant's option, the Company will either lay out the required water main extension on plans furnished by the Applicant at the cost of the Applicant, or the plans and specifications for the main extension may be prepared by the Applicant's engineer and submitted for Company approval.

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DATE OF ISSUE: August 26, 2011

DATE EFFECTIVE: ~~October 1, 2011~~ October 15, 2011

ISSUED BY: Frank Kartmann
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727 Craig Road, St. Louis, MO 63141
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FILED
Missouri Public
Service Commission
JW-2012-0085

Missouri-American Water Company
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2. The Company shall provide the Applicant with an estimate in the form of a written proposal, which will describe payment alternatives and all other contractual preconditions to the installation, along with a copy of the water main layout.
3. The proposal will include the costs related to the facilities specified in Provision A.1. plus the Company's anticipated costs of materials, labor, labor related expenses (such as pension and welfare costs), supervision, engineering, inspection fees, insurance, tools, easements, permits, appropriate taxes, and other miscellaneous expenses (such as stores expenses, administrative salaries, overhead expenses, transportation expenses, water used for flushing purposes and construction equipment expenses and similar expenses). The Company may at its discretion charge up to five percent (5%) for contingencies. The cost contained in the proposal is based on the Company's estimate of the actual cost of the job.
4. If the Applicant has chosen the option provided in Provision A.2. and 3., above, the Applicant in the St. Louis Metro District shall provide payment of ninety-five percent (95%) of the estimated costs for any project that exceeds four (4) times the estimated average annual revenue, and the Applicant in any of the Company's other Districts shall provide payment of eighty-six percent (86%) of the estimated costs for any project that exceeds four (4) times the estimated average annual revenue. The Applicant shall pay to Company such estimated costs prior to the Company scheduling the work. If after completion of the main extension, the initial payment provided to the Company is above the Applicant's percent of the total actual cost of the project, as determined by the Company, the Company will refund the excess to the Applicant. If the initial payment provided by the Applicant to the Company is below the Applicant's percent of the total actual cost of the project, the Company will bill the shortfall to the Applicant.
5. For Applicants who have chosen the option of a one hundred foot (100') Free Extension:
 - a) If the Applicant has chosen the option of a one hundred foot (100') Free Extension, as provided for in Provision A.4. above, and the extension will be one hundred feet (100') or less in length, then the Company will perform the necessary construction to extend its main(s).
 - b) If the Applicant has chosen the option of a one hundred foot (100') Free Extension and the extension is greater than one hundred feet (100') in length, the Applicant shall provide payment of one hundred percent (100%) of the estimated costs in excess of the one hundred foot (100') Free Extension, if any, as provided by the Company prior to the Company scheduling the work. If after completion of the main extension, the initial payment provided to the Company is above the Applicant's share of the total actual cost of the project, the Company will refund the excess to the Applicant. If the initial payment provided by the Applicant to the Company is below the Applicant's share of the total actual cost of the project, the Company will bill the shortfall to the Applicant.

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DATE OF ISSUE: August 26, 2011DATE EFFECTIVE: ~~October 1, 2011~~ — October 15, 2011ISSUED BY: Frank Kartmann
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Missouri Public
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JW-2012-0085

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C. **Installations by Applicant's Contractor (Developer Lay Option):** The Applicant, or the Applicant's agent, may elect to use its own contractor to construct the main extension (also known as the Developer Lay option). Under this option, the Applicant's contractor must be approved by the Company and the following terms and conditions shall apply:

1. At the Applicant's option, either the Company will lay out the required water main extension on plans furnished by the Applicant, or the plans and specifications will be prepared by the Applicant's engineer and submitted for Company approval.
2. Upon request, the Company will provide written specifications and other related documents for the proposed extension and a Developer Lay Proposal for the installation by Applicant's contractor, along with a copy of the water main layout.
3. The Developer Lay Proposal costs will include the Company's estimated costs of materials, labor, inspection fees, and other miscellaneous expenses such as stores expenses, administrative salaries, overhead expenses, transportation expenses, water used for flushing purposes and construction equipment expenses and similar expenses.
4. The Applicant, or the Applicant's agent, shall execute a Main Extension Contract with the Company on forms provided by the Company. Upon completion of the main extension, the Applicant, or the Applicant's agent, shall agree to convey the completed main extension and necessary easements to the Company on the terms and conditions stated in the Main Extension Contract.
5. Upon execution of the Main Extension Contract by the Applicant and the Company, the Applicant will pay to the Company the total estimated Developer Lay Proposal costs as determined in Provision C.3., above. Applicant will also provide all additional information as detailed in the Main Extension Contract.
6. Upon completion of the Main Extension, and prior to acceptance of the extension by the Company, the Applicant will provide to the Company a final statement of Applicant's costs to construct such extension. This final statement of costs will be added to the actual costs for Company to provide services as per the Developer Lay Proposal. Upon acceptance of the main extension, the Company will then issue payment to the Applicant of five percent (5%) (for St. Louis Metro District contracts) and fourteen percent (14%) (for all other district contracts) of the total, final costs that exceed four (4) times the estimated average annual revenue pursuant to Provision A.2. and 3., above. The Company will adjust its payment based on the shortfall or excess of the difference between the actual Developer Lay costs and the Developer Lay Proposal payment made by the Applicant pursuant to Provision C.5., above.
7. For Applicants who have chosen the option of a one hundred foot (100') Free Extension:
 - a) If the Applicant has chosen the option of a one hundred foot (100') Free Extension, pursuant to Provision A.4. above, and the extension will be one hundred feet (100') or less in length, then

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Company will perform the necessary construction to extend its main(s).

- b) If the Applicant has chosen the option of a one hundred foot (100') Free Extension and the extension is greater than one hundred feet (100') in length, then prior to the Applicant scheduling the main extension, the Applicant shall advance payment equal to the Company's total estimated Developer Lay Proposal costs (Provision C.3. above). After completion of the main extension by the Applicant, Applicant must provide support to the Company of the total costs incurred by Applicant, exclusive of the advanced payment for the Developer Lay Proposal costs. Upon verification of the costs supplied by Applicant, Company will add those costs to the actual Developer Lay Proposal costs it incurred and divide the sum by the number of feet in the main extension project to determine a cost per linear foot. The cost per foot will be multiplied by 100 to arrive at the cost of the one hundred foot (100') Free Extension to be borne by the Company. The Company will add the amount of the one hundred foot (100') Free Extension to the advanced payment made by Applicant, in accordance with Provision C.3. above, and subtract the actual Developer Lay Proposal costs incurred by the Company to arrive at an amount to be paid to, or by, the Applicant.

As an example for Provision C.7.b), above:

Applicant pays to Company \$500 for estimated total Developer Lay Proposal costs
Applicant pays his own contractor \$1000
Actual Developer Lay Proposal costs incurred by Company are \$200
Total Main Extension in feet is 400 feet

Calculation:

	\$ 1000.00	(Cost incurred by Applicant exclusive of advanced payment for Developer Lay Proposal)
Plus	\$ <u>200.00</u>	(Actual Developer Lay Proposal Costs)
Equals	\$ 1,200	
Divide by	400	(Main Extension in Linear Feet)
Equals	\$ 3.00	per foot
Multiply by	<u>100</u>	
Equals	\$ 300.00	(Cost for first 100 linear feet that Company will absorb)
Add	\$ 500.00	(Amount Applicant advanced to the Company for estimated Developer Lay Proposal costs)
Subtract	<u>(\$ 200.00)</u>	(Actual Developer Lay Proposal Costs)
	\$ 600.00	Amount Company pays to Applicant

D. Miscellaneous Provisions

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1. Main extensions made under this rule shall be and remain the property of the Company.
2. The Company reserves the right to further extend the main and to connect mains on intersecting streets and easements. If the Company extends the main at its own cost, Applicant shall not be entitled to a Customer Frontage Refund if new Customers connect to that part of the main extension funded by the Company.
3. The size and type of material of the main extensions made under this rule shall be determined by the Company and sized to meet water service requirements, including supply for fire protection, of the Applicant. If the Company chooses to increase the size of the extension in order to meet the Company's overall system requirements beyond what is necessary to meet water service requirements, including supply for fire protection, of the Applicant, all additional costs caused by the larger size of pipe shall be borne by the Company.
4. No interest will be paid by the Company on payments made by the Applicant for the main extension.
5. All main extensions made under this rule must be installed in easements or right-of-way as determined by the Company.
6. If extensions are required on private roads, streets, through private property, or on private property adjacent to public right-of-way, a proper deed of easement, acceptable to the Company must be furnished to the Company without cost to the Company, as described in the Main Extension Contract.
7. Company main extensions shall be determined by the Company and installed to permit Company Service Lines and Customer Service Lines to be installed in accordance with the Company's installation requirements for water service lines.
8. In determining the length of main extensions, the main shall be extended to cover fully the frontage of the subdivision lot or property to be served, and if the last lot to be served is a corner lot or a lot immediately adjacent to a corner lot, the terminal point of the main extension made hereunder shall be located so that the water main installed hereunder ties in with the existing water main located in the intersecting street; and further provided that if there is no main located in the intersecting street, the terminal point of the main extension made hereunder shall be located at the nearest right-of-way line of the intersecting street. When the Company main extension is installed in an easement on private property or in public right-of-way, within the boundaries of a multi-lot subdivision, the end of each main extension shall be terminated near the farthest property line. The Company may shorten the length of the main extension that the Applicant would otherwise be required to make under this provision, if, in the Company's judgment, the main should not be extended further due to pressure, volume or water quality concerns or cannot physically be extended further.
9. In the event Company determines that the main should not be extended by the Applicant to the full extent otherwise required by these rules, the Company shall nevertheless require the Applicant to

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- provide all necessary easements commensurate with the main extension as originally proposed by the Applicant.
- 10. Water main extensions must be installed in accordance with the Company's then current specifications and standards.
- 11. At the Company's discretion, the Company, the Company's contractor or an Applicant's contractor in accordance with Company's standards and contractual requirements, will make all connections to Company's water mains.
- 12. At the Company's discretion, any necessary reconstruction of existing mains or installation of mains larger than twelve inches (12") in diameter will be done by Company's forces, Company's contractor or by an Applicant's contractor in accordance with the Company's standards and contractual requirements.
- 13. The Company reserves the right to assess additional charges if the Company is required to create multiple layouts or to perform multiple reviews pursuant to an Applicant's request.

E. Customer Frontage Charge Refunds

- 1. If requested by the Applicant at the time of entering into the Main Extension Contract with the Company, the Applicant shall have the option of requesting a Customer Frontage Charge Refund. The Customer Frontage Charge Refund only applies to that portion of the main extension that is to be installed by or on behalf of an Applicant to reach a public, private, commercial, government or religious development or personal dwelling described in the Main Extension Contract. The Customer Frontage Charge Refund will be made to Applicant, or its assignee, subject to the following conditions:
 - a) A Customer Frontage Charge will be collected in advance from each new Customer, (in addition to the tap fee, connecting a new-metered service line) when the new Customer connects to the portion of the main extension covered by the Applicant's contract.
 - b) The Customer Frontage Charge is calculated at the rate of fifty percent (50%) of the actual per foot cost of the mains as paid by the Applicant, with appurtenances, times the front footage (front footage shall mean the property footage along the main) of the premises to be served.
 - c) No Customer Frontage Charge Refunds will be made for mains required to serve within new platted subdivisions for lots owned or controlled by the Applicant which the main extension is expressly intended to serve. Refunds may be made for lots located outside the new platted subdivision that can be served by the Applicant's main extension. Refunds for any lots may be made to Applicants who utilize the Free Extension serving recorded, residential single lot developments where the portion of the water main extension is above the Free Extension limits.
 - d) Customer Frontage Charge Refunds shall only be made for the first five (5) years after the Applicant's main extension is accepted into the Company's system. At the expiration of the five

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(5) year period, the refund account will be closed, and no further Customer Frontage Charge refunds will be made. +

e) The Customer Frontage Charge Refunds made by the Company shall, in no event, exceed the amount paid by the Applicant to the Company for the main extension (i.e., 95% for St Louis Metro District projects, and 86% for all other district projects and excluding any portion funded by the Company) regardless of whether the main extension was performed by the Company, or a contractor performed the main extension on behalf of the Applicant. +

F. This section is applicable only to Main Extensions in the St. Louis Metro District. Because Commission jurisdiction constitutes a legislative recognition that the public interest in proper regulation of public utilities transcends municipal or county lines, and that a centralized control must be entrusted to an agency whose continually developing expertise will assure uniformly safe, proper and adequate service by the Company, no regulations or ordinances of local governments shall be permitted to impose differing construction methods (excepting local permit requirements for excavation and restoration of public rights-of-way), material selections, water main sizes or licensing qualifications of the Company's employees or of those independent contractors employed to install, replace or maintain water mains owned or to be owned by the Company when such work is performed under the supervision of or inspection by Company agents or employees, unless such requirement is adopted and approved by the Commission upon complaint alleging that such requirement is necessary for safe and adequate service and requesting uniform application throughout Company's service area.

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