

COMMISSIONERS OF PUBLIC WORKS
of the
CITY OF CHARLESTON, SOUTH CAROLINA



Clean Water for Life

DEVELOPMENT POLICIES

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DEFINITIONS

DEFINITIONS

1. **Acceptance** - The time when CWS takes possession of the water or wastewater system for operation and maintenance, and all requirements for deeding of the system to CWS have been met.
2. **Area** - The geographic boundary that constitutes the project or a portion of the service area.
3. **Commercial Unit** - Any unit used for business or manufacturing use.
4. **CWS Minimum Standard Pressure** - The minimum acceptable water pressure needed to serve the customer in accordance with SC DHEC requirements. The minimum standard pressure is measured at the water meter.
5. **CWS Minimum Standards** - CWS's published Minimum Standards for the Design & Construction of Water and Wastewater Systems, latest revision, or any other CWS specification or policy.
6. **Dedicated Public Roads** - Those roadways that are owned and maintained by local, city, county, State or Federal governmental agencies.
7. **Density of Development** - The number of residential or commercial units allowed on a particular parcel of land by the appropriate planning agency having control over a development.
8. **Densely Populated Industrial Areas** - Areas of extreme building density such as downtown areas of cities. Industrial areas are those areas of heavy manufacturing, commercial or industrial supported usage.
9. **Design** - The engineering work necessary to physically layout the extent of water and/or wastewater construction for serving proposed CWS customers.
10. **Developers Work** - Any planning or construction relating to establishment of a new subdivision, development or parcel of land by a developer.
11. **Development Agreement** - A legal agreement between CWS and the developer which establishes the conditions under which CWS will assume ownership of water or wastewater assets constructed by the developer and provide water or wastewater services.
12. **DHEC Permit to Operate** - The permit issued by the South Carolina Department of Health and Environmental Control allowing the water or wastewater system to be placed into operation.
13. **Dwelling** - Any building, or part thereof, designed and used for human habitation or intended to be so used including any appurtenances belonging thereto or enjoyed therewith, exclusive of hotels, apartment hotels, motels, and inns.

DEFINITIONS

14. **Dwelling Unit** - One or more rooms arranged for the use of one (1) or more individuals living together as a single housekeeping unit, with cooking, living, sanitary and sleeping facilities.
15. **Equivalent Residential Unit or ERU** - Any generator of 300 gallons per day of wastewater flow as defined by CWS unit contributory loading guidelines.
16. **Established Subdivisions** - Subdivisions that were platted and constructed prior to CWS services being extended.
17. **Facility** - A building or structure or a group of buildings and structures that constitute the customers to be served.
18. **Funding Capital** - Money allocated by CWS for expenditure towards extension of water or wastewater facilities.
19. **Jurisdictional Authority for Fire Protection** - The governmental agency responsible for defining fire protection needs within a specific portion of CWS's service area.
20. **Land Use and Zoning Requirements** - Those requirements set forth for the layout or usage of land as dictated by the local governmental agency having authority.
21. **Letter of Commitment** - A written document furnished to CWS outlining an individual's or developer's intentions for extending CPW water or wastewater mains or an individual's commitment to tie into CPW facilities.
22. **Master Water Meter** - Water meters that serve more than one residential or commercial building unit.
23. **Multiple Family Dwelling** - A building containing two (2) or more dwelling units designed or occupied otherwise than as a two-family dwelling, and typically owned or leased by the occupants on a continuing basis for thirty (30) or more days per year. The term "multiple family dwelling" shall be understood to include apartments, tenement houses, condominiums and similar multi-family buildings, but is exclusive of hotels, apartment hotels, motels, inns, boarding or rooming houses, and bed and breakfasts.
24. **Multi-Family Residential** - Refer to definition for Multiple Family Dwelling. The terms "multi-family" and "multiple family" may be used interchangeably within Commission policies.
25. **Overhead Rate** - The prevailing CWS indirect cost as calculated by CWS.
26. **One-Family Attached Dwelling** - A building containing two (2) or more dwelling units attached to each other by means of a common dividing sidewall or walls from the building's foundation to the roof. Each dwelling unit is designed for and occupied exclusively as a residence by a single individual or family from the building's bottom floor to the roof and with normal, independent access from the outside. Such attached one-family dwellings may be

DEFINITIONS

referred to as "townhouses" or "row houses". Any building containing more than two dwelling units that does not meet this definition shall be considered a Multiple Family Dwelling.

27. **Permitting** - The obtaining of all permits required by other governmental agencies having jurisdiction over a project.
28. **Privately-Owned SC DHEC Approved Water Distribution System** - Any water distribution system not owned or operated by CWS, but approved for operation by the South Carolina Department of Health and Environmental Control.
29. **Residential Unit** - One (1) dwelling unit, i.e., one (1) single-family home, a single condominium unit, single apartment unit.
30. **Rural Areas** - Those areas having a density of less than one (1) commercial or residential unit per acre.
31. **Service Acceptance Letter** - A letter from CWS's Engineering & Construction Department notifying CWS's Customer Service Department that all requirements for approval of the system and service acceptance have been met.
32. **Single-Family Residential** - Refer to definitions for One-Family Attached Dwelling and One-Family Detached Dwelling. The terms "single-family" and "one-family" may be used interchangeably within Commission policies.
33. **Story** - That portion of a building included between the surface of any floor and the surface of the next floor above, or if there be no floor above it, then the space between such and the ceiling next above it.
34. **Subdivided Property** - Property that has been platted as one (1) piece or one (1) parcel, and is re-divided to create multiple parcels.
35. **Two-Family Dwelling** - A building containing two (2) dwelling units attached to each other by means of a common dividing sidewall or floor and sharing a common roof. Each dwelling unit is designed for and occupied exclusively as a residence by a single individual or family from the building's bottom floor to the roof and with normal, independent access from the outside. Such two-family dwellings may be referred to as "duplexes".
36. **Urban Areas** - Those areas having a density of one (1) unit per acre or greater. These constitute normal residential subdivisions and commercial areas.
37. **Wastewater Collection System** - The system of gravity sewers, sewer pump stations, and sewer force mains necessary to properly collect and transport the wastewater for treatment.
38. **Water Distribution System** - Those mains, hydrants and appurtenances relating to the distribution of water.

DEFINITIONS

39. **Water Main Extension** - The addition of any water main, facilities and/or appurtenances to CWS's water distribution system.
40. **Wastewater Main Extension** - The addition of any wastewater main, facilities and/or appurtenances to CWS's wastewater collection system.

Refer to Charleston Water System Water Rules and Regulations Section C – Definitions for more information or details related to definitions.

END OF DEFINITIONS

WATER POLICIES

WATER SYSTEM EXTENSIONS W88001

1. Approach Mains

An approach main is defined as a main extension that is necessary in order to provide water service to a parcel of property or development. An approach main connects a developer's proposed water system with an existing water facility owned and operated by Charleston Water System (CWS) that has available capacity to provide the required level of service for all phases of the development.

CWS will not extend an approach main at its expense. All costs for the approach main necessary to provide the required level of service for all phases of the development shall be borne by the developer. The developer shall be responsible for the design, permitting, and construction of the approach main and for deeding the water assets to CWS for operation and maintenance. All mains, hydrants, valves, services and appurtenances shall be designed and installed in accordance with CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.

2. Extensions within New Development

Charleston Water System (CWS) will not extend water systems within new development at its expense. All costs for the water system extension necessary to provide the required capacity to serve all phases of the development shall be borne by the developer. The developer of the property shall be responsible for the design, permitting, and construction of the water system extension and for deeding the water system assets to CWS for operation and maintenance. All mains, hydrants, valves, services and appurtenances shall be designed and installed in accordance with CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.

3. Extensions within Subdivided Property

Charleston Water System (CWS) will not extend water systems at its expense to serve subdivided property that was served prior to the property being subdivided. All costs for the water system extension necessary to provide the required capacity to serve the subdivided property shall be borne by the developer. The developer of the property shall be responsible for the design, permitting, and construction of the water system extension and for deeding the water system assets to CWS for operation and maintenance. All mains, hydrants, valves, services and appurtenances shall be designed and installed in accordance with CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.

4. Mains with Future Service Capacity

Charleston Water System (CWS) reserves the right to establish design parameters for all proposed water systems serving new residential, commercial, institutional and/or industrial developments so that all water system improvements are consistent with CWS's master plans. These design parameters will require the water systems to include design capacity to serve future

**WATER SYSTEM EXTENSIONS
W88001**

phases of a development, and may require design capacity to serve other potential areas as identified by CWS's master plans. The cost of designing and constructing the mains required for future phases of development will be paid by the development requiring the main extension. CWS will not provide funding for the additional costs associated with designing and constructing a water main, which includes provisions for future phases of a development. CWS may elect to provide design and construction funding to increase main capacity and/or length for other future needs that are not associated with the development requiring the main extension. In this case, CWS funding will only be for the incremental cost of design, materials and installation associated with upsizing facilities beyond the capacity needed to supply all phases of a development requiring the extension. Three competitive bids from a CWS Approved Contractor may be required in order to determine the cost of upsizing.

**END OF POLICY
W88001**

**WATER SYSTEM ACTIVATION / SERVICE ACCEPTANCE
W88002**

Water systems will not be activated, or approved for providing water service in any capacity, until all of the following steps are completed:

1. All requirements established by SC DHEC have been completely satisfied.
2. All requirements established by Charleston Water System's (CWS) Engineering & Construction Department have been completely satisfied. Requirements are published in CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.
3. CWS issues a Service Acceptance Letter.

**END OF POLICY
W88002**

ENGINEERING SERVICE FEES FOR WATER W88003

1. Engineering Services Fee

Charleston Water System (CWS) will charge an Engineering Service Fee of five hundred dollars (\$500) as a component of each water impact fee assessed. The Engineering Services Fee will serve to fund the cost of reviewing developer and customer plans, specifications, design documents, sketches, calculations and providing other associated administrative services and construction inspection services associated with new development and the installation of new services. The Engineering Services Fee will be established based on periodic evaluations performed by CWS staff. The amount of the fee will be included in CWS's Water Rules and Regulations.

2. Engineering Service Fee Deposit

One hundred dollars (\$100) of the Engineering Services Fee shall be considered a non-refundable Engineering Services Fee Deposit collected at the time plans are submitted for review to cover CWS's engineering and administrative costs. In no case will the total Engineering Services Fee Deposit amount be less than \$500 for a single project submittal. No plan review will be performed prior to payment of the deposit. The deposit will be credited toward the total Engineering Services Fee amount due for the project once final plans are approved for permitting by CWS. However, the deposit amount is non-refundable if the project is cancelled after submittal to CWS and will not be credited if the project is reinitiated at some later date.

3. Refunds

Prior to submitting the project to SC DHEC for a construction permit, CWS will collect the balance of the Engineering Services Fees due along with the total impact fees due. Prior to project commissioning, Engineering Services Fees paid to CWS may be reimbursed to the developer, less the Engineering Services Fee Deposit amount, if a project is cancelled or the scope of the project is reduced. Upon determination by CWS that a portion of the Engineering Services Fees is eligible for reimbursement, the applicable amount will be refunded. The Engineering Services Fee Deposit amount, \$100 for each water service impact fee assessed in the original project scope, is not refundable and will be retained by CWS to cover its administrative and engineering costs. In no case will the amount of the non-refundable Engineering Service Fee Deposit be less than \$500.

**ENGINEERING SERVICE FEES FOR WATER
W88003**

4. Resubmittals

If the developer wishes to re-initiate a previously cancelled project or activate a delayed project phase, a new project submittal will be required in conformance with the most current requirements of CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems, at which time engineering services fees will be assessed according to the most current CWS fee structure. No credit will be given for any portion of Engineering Services Fees previously retained by CWS.

5. Exceptions

Exceptions to this Policy may be made on a case-by-case basis by the Chief Executive Officer (CEO) if the CEO determines that extraordinary circumstances exist, such that an exception to the Policy is required in order to make certain that the application and intent of this Policy is fair and reasonable both to the customer and CWS.

**END OF POLICY
W88003**

**FIRE HYDRANTS
W88005**

The jurisdictional authority for fire protection in the project area shall be responsible for determining the minimum requirements for fire hydrants. Charleston Water System (CWS) reserves the right to require the installation of fire hydrants in addition to the minimum required by the jurisdictional authority. When no jurisdictional requirements are established for the project area, fire hydrants will generally be spaced at intervals of 1000 feet in rural areas and at intervals of 500 feet in urban areas, as determined by CWS's Engineering & Construction Department. CWS reserves the right to require closer fire hydrant spacing, solely at its discretion.

All costs for fire hydrants required for new development or upgrade to an existing development shall be borne by the developer. The developer of the property shall be responsible for the design, permitting, and construction of the fire hydrants and for deeding the fire hydrants to CWS for operation and maintenance.

All installed fire hydrants become the property of CWS. CWS will own, operate and maintain fire hydrants that are conveyed along with the appropriate easements where required.

CWS does not allow the installation of private fire hydrants. Exceptions to this Policy may be made on a case-by-case basis by the Chief Executive Officer (CEO) if the CEO determines that extraordinary circumstances exist, such that an exception to the Policy is required in order to make certain that the application and intent of this Policy is fair and reasonable both to the customer and CWS.

**END OF POLICY
W88005**

**INSTALLATION OF WATER FACILITIES IN ESTABLISHED SUBDIVISIONS
W88006**

Charleston Water System (CWS) is sometimes requested to install water systems in established subdivisions where public water service does not exist. CWS will consider these requests on a case-by-case basis and may elect to install water systems provided funding is available and the request meets the following criteria:

1. The subdivision or planned unit development is determined to be approximately 50% developed and occupied.
2. A request or petition signed by at least 75% of the existing residents is submitted to CWS's Engineering & Construction Department indicating that they are willing to pay the published CWS water connection fees and rates and agree to connect to the system and become a customer should the water system be constructed.
3. Letter of Commitment outlining an individual's commitment to connect to the water system.

CWS will evaluate each request and determine the feasibility and cost effectiveness of the project based on the total project cost, number of equivalent residential units served and other criteria that may be specific to the request on a case by case basis. Refer to latest revision of the Cost-Effectiveness Policy for details.

**END OF POLICY
W88006**

**WATER SERVICE BY MASTER METER TO AN
AREA CURRENTLY SERVING MULTIPLE USERS BY WELLS
W88007**

Charleston Water System (CWS) may elect to provide water service to an area where service is currently provided through the use of wells serving multiple users. In this case, a master meter may be considered to provide a connection to an existing water main owned by CWS. All fire protection requirements established by the jurisdictional authority for fire protection in the service area must be met as a part of the project to connect the system to the existing CWS-owned water main. The improvements required to meet the fire protection requirements will be funded by the entity requesting service.

All construction, including abandoning and disconnecting the wells, will be in accordance with SC DHEC regulations, CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems, and CWS's Cross Connection Control Program requirements, and shall be at the expense of the owner(s).

The entity requesting service shall be responsible for payment of the published CWS water connection fees prior to the existing system being connected to the CWS water system.

**END OF POLICY
W88007**

RETAIL METERING W88008

1. General

CWS will only allow one (1) water meter per residential or commercial unit with the exception of an additional meter for an irrigation system or lawn sprinkler. Other exceptions may be considered on a case-by-case basis. CWS cross-connection control policies apply to all water service connection.

2. Individual Meters

Charleston Water System (CWS) requires an individual water meter for each of the following types of domestic services:

1. Each one-family detached dwelling
2. Each unit in a one-family attached dwelling
3. Each unit in a two-family dwelling
4. Each unit in a multiple dwelling with fewer than three (3) stories
5. Mobile homes
6. Each commercial establishment
7. Each commercial establishment in a multiple occupancy building with one (1) story

3. Master Meters

A master meter is defined as a water meter that serves multiple dwellings, premises, or establishments, or a water distribution system not owned by CWS. CWS will require a master meter for each of the following types of retail domestic services:

1. Each multiple family dwelling building with three (3) or more stories
2. Each multiple occupancy commercial building with two (2) or more stories

In all cases of master metering, the meter may serve as a dual-purpose meter for domestic needs and fire suppression needs if applicable. CWS does not accept service contracts for master water meters.

4. Exceptions to this Policy may be made on a case-by-case basis by the Chief Executive Officer (CEO) if the CEO determines that extraordinary circumstances exist, such that an exception to the Policy is required in order to make certain that the application and intent of this Policy is fair and reasonable both to the customer and CWS.

Development Policies

END OF POLICY
W88008

**FIRE SERVICES
W88009**

1. Dedicated Fire Services

A dedicated fire service is defined as an unmetered service to a single structure, without looping or connection to a public or private hydrant, which provides water supply for usage in internal fire protection systems only. No commercial, domestic, industrial, or other water uses are allowed. In all cases, the applicant for a dedicated fire service shall submit plans prepared by a professional engineer to Charleston Water System's (CWS) Engineering & Construction Department for review and approval prior to installation by a CWS Approved Contractor. CWS will designate the point of connection to the water system. CWS will only be responsible for operation and maintenance of the dedicated fire service from the CWS water main to the edge of the right-of-way or easement. CWS cross connection control policies will apply. Refer to CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems for details. In cases where a main extension is required to provide the level of service requested, Policy No. 88001 for Water System Extensions will apply. CWS reserves the right to require installation of a flow monitoring system on all dedicated fire services. Refer to CWS's Water and Wastewater Policies, Procedures and Standards Manual, Section B.II – Policy Regarding Fire Services for more information and exceptions to this policy.

2. Dual Purpose Fire Services

For installations that meet with CWS's master meter criteria outlined in Policy No. W88008, a single meter may be installed to provide both domestic and fire service (dual-purpose). In all cases, the applicant for a dual-purpose fire service shall submit plans prepared by a professional engineer to CWS's Engineering & Construction Department for review and approval prior to installation by a CWS approved contractor. CWS will designate the point of connection to the water system. CWS will only be responsible for operation and maintenance of the dual purpose fire service from the CWS water main to the water meter. CWS cross connection control policies will apply. Refer to CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems for details. In cases where a main extension is required to provide the level of service requested, Policy No. 88001 for Water System Extensions will apply. CWS will not permit private water systems for fire service where CWS capacity is available. Refer to CWS's Water and Wastewater Policies, Procedures and Standards Manual, Section B.II – Policy Regarding Fire Services for more information and exceptions to this policy.

**END OF POLICY
W88009**

**WATER SYSTEM DESIGN AND CONSTRUCTION PROCEDURES
W88010**

Any entity wishing to install or extend any Charleston Water System (CWS) water system facility must adhere to the requirements described in CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems as amended and in force at the time the Development Agreement is signed. In the event that no Development Agreement is required, the system must conform to the requirements in place at the time plans are approved for installation by CWS. In the event that construction does not progress at a reasonable rate following approval or is otherwise not initiated within one (1) year, CWS will re-evaluate the project on the basis of service availability, fees and design standards to ensure conformance with requirements in place at the time the project is re-initiated. Refunds of fees paid to CWS, if applicable, will be as described in the policies W88003 and W88014.

**END OF POLICY
W88010**

**WATER SERVICE AREA
W88013**

It is the policy of Charleston Water System (CWS) to provide retail water service to areas inside and outside the city limits of Charleston in a manner that will not infringe upon the rights or authorities of other local jurisdictions. CWS may also provide wholesale and/or retail service based on agreements with other municipalities or governmental agencies.

**END OF POLICY
W88013**

WATER SYSTEM IMPACT FEES W88014

1. Impact Fees

Impact fees are defined as fees that are collected by Charleston Water System (CWS) when new services are requested. Impact fees help to offset the costs associated with designing and constructing capital facilities, which provide for the treatment, pumping, transmission, and distribution of water. Impact fees will be reviewed periodically and adjusted accordingly in conformance with sound rate making principles and practices for utility systems.

Impact fees will be assessed to all new residential, commercial, industrial, and institutional projects for which water service can be provided. If service cannot be provided, the project and associated impact fees will be deferred until such time as service is available and fees will be due at the prevailing rate at that time. Water impact fees are assessed on new services based on the size of service required. Impact fees for all projects will be assessed and collected prior to the submittal of plans to SC DHEC for construction permits. All fees must be paid prior to the initiation of service. Water impact fee amounts are as defined in CWS's Water Rules and Regulations, as amended. Each water impact fee assessed includes a \$500 engineering services component, see Policy W88003.

Impact fees will not be charged on detached single-family residential ¾-inch irrigation-only services, or dedicated fire services. Impact fees will be assessed on all other water services.

2. Refunds

Prior to project commissioning, a portion of the impact fees paid to CWS may be reimbursed to the developer if 1) a project is cancelled, 2) the scope of the project is reduced, or 3) the project is divided into multiple phases. Upon determination by CWS that a portion of the impact fees is eligible for reimbursement, the applicable amount will be refunded, see Policy W88003. After project commissioning, CWS will not refund any portion of the impact fees paid by the developer.

3. Resubmittals

If the developer wishes to re-initiate a project or activate a delayed project phase after receiving an impact fee refund, a new project submittal will be required in conformance with the most current requirements of CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems, at which time impact fees will be assessed according to the most current CWS fee structure.

4. Exceptions

Exceptions to this Policy may be made on a case-by-case basis, by the Chief Executive Officer (CEO), if the CEO determines that extraordinary circumstances exist such that an exception to the Policy is required to make certain that the application and intent of the Policy is fair and reasonable both to the customer and CWS.

**WATER SYSTEM IMPACT FEES
W88014**

Refer to CWS's Water Rules and Regulations for more information and details regarding water system impact fees.

**END OF POLICY
W88014**

**WATER SYSTEM TAP FEES
W88015**

Charleston Water System (CWS) assesses tap fees to all new connections made to the water system. The tap fee is established based on sound utility rate-making principles and practices. The respective tap fee amounts are defined in CWS's Water Rules and Regulations. Tap fees will not be charged for dedicated fire services.

Refer to CWS's Water Rules and Regulations for more information and details regarding water system tap fees.

**END OF POLICY
W88015**

**CWS TAKEOVER OF PRIVATE WATER DISTRIBUTION SYSTEMS
SERVING EXISTING RESIDENTIAL COMMUNITIES
W95017**

This policy is applicable to Charleston Water System's (CWS) takeover of water systems servicing existing residential communities (trailer/mobile homes, prefabricated homes, or site-built homes) that are on private water or well systems that have been approved for construction and operation by SC DHEC. The goal of this policy is to help create a more uniformed water quality throughout the CWS service area by eliminating various less controlled water sources where a variation in water quality may exist.

CWS will evaluate each request of this nature on a case-by-case basis and determine the feasibility and cost effectiveness of the project based on the total project cost, number of equivalent residential units served and other criteria that may be specific to the request. Refer to latest revision of the Cost-Effectiveness Policy for details.

This policy applies to systems meeting all of the following criteria:

1. Water is provided by a well or other private water source.
2. The system was constructed to SC DHEC standards.
3. Fire protection is either in place or will be constructed by the proponent in accordance with the requirements of the jurisdictional authority for fire protection in the area to be served, prior to CWS takeover.
4. There is an existing CWS water main adjacent to the area to be served, without a main extension, with capacity capable of supplying the needs of the subject community.
5. The system must be inspected by CWS and meet CWS's approval for operation and maintenance.

Once the system has been found to meet the preceding criteria, the system will be considered for takeover.

All construction, including well abandonment, will be in accordance with SC DHEC regulations, CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems, and CWS's Cross Connection Control Program requirements.

CWS will contract with a CWS-approved contractor to install any required pipe, obtain necessary permits, install tapping equipment, and make the physical connection to the water main. The proponent(s) will be responsible for any cost associated with connection of the existing water system with the CWS water main in excess of the amount CWS will contribute under its Cost-Effectiveness Policy. Water meters shall be established within the existing residential community in accordance with Policy W88008. The proponent(s) shall be responsible for payment of the published CWS water connection fees prior to the existing system being connected to the CWS water system. CWS will install the individual water services to include: meters, meter boxes and connection materials.

**CWS TAKEOVER OF PRIVATE WATER DISTRIBUTION SYSTEMS
SERVING EXISTING RESIDENTIAL COMMUNITIES
W95017**

The existing water system assets will be deeded to CWS for operation and maintenance. The conveyance will include easements, right-of-way agreements, Record Drawings, as well as any other documentation required within CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems. All conveyance costs shall be the responsibility of the proponent.

**END OF POLICY
W95017**

**ALTERNATE SOURCE MAINS
W05001**

An alternate source main is defined as a water main that provides a second supply of water to an area, development, or subdivision. It is installed to assure that Charleston Water System (CWS) customers will be minimally inconvenienced in case of a supply interruption, and to comply with SC DHEC regulations regarding looping of water systems to avoid unnecessary dead ends.

CWS requires an alternate source main be installed when an alternate source of water supply is available within 500 feet of the new the development. All costs for the alternate source main shall be borne by the developer. In cases where the alternate source is not accessible via public right-of-way, the developer shall attempt to obtain the easement(s) or encroachment permit needed to access the alternate source. Unusual construction conditions that preclude this policy requirement include wetlands crossings, open cuts over 10 feet deep, or documented denial of the easement(s) or encroachment permit needed to access the alternate source. Roadway crossings in the method prescribed by the permitting authority will be considered as normal construction and will be required if necessary. For distances greater than 500 feet, or if the aforementioned unusual construction conditions exist, CWS may elect to provide funding over and above what is normal to install the alternate source main. The size of the alternate source main shall be equal to the main at the connection point in the new system or the existing main that will serve as the secondary supply source, and in all cases shall not be less than 6-inches.

**END OF POLICY
W05001**

WASTEWATER POLICIES

WASTEWATER COLLECTION SYSTEM EXTENSIONS S88001

1. Approach Main

An approach main is defined as a main that is necessary in order to provide wastewater service to a parcel of property or development. An approach main connects a developer's proposed wastewater system with an existing wastewater facility owned and operated by Charleston Water System (CWS) that has available capacity to provide the required level of service for all phases of the development.

CWS will not extend an approach main at its expense. All costs for the approach main necessary to provide the required capacity to serve all phases of the development shall be borne by the developer. The approach main shall be a gravity sewer when depth of the existing wastewater facilities is sufficient to provide service to any portion of the development. The approach main may be a sewer force main if both of the following apply: depth of the existing wastewater facilities is insufficient to reach any portion of the development, and the force main serves more than one (1) equivalent residential unit (ERU). When the approach main is a gravity sewer, the approach main shall be connected at full depth and installed at the minimum grade for the size main required to serve all phases of the development. The developer shall be responsible for the design, permitting, and construction of the approach main and for deeding the wastewater assets to CWS for operation and maintenance. All gravity mains, force mains, manholes, pump stations, services and appurtenances shall be designed and installed in accordance with CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.

2. Wastewater Main Extensions within New Development

Charleston Water System (CWS) will not extend wastewater systems within new development at its expense. All costs for the wastewater system extension necessary to provide the required capacity to serve all phases of the development shall be borne by the developer. Wastewater system extensions shall be by gravity sewer when depth of the existing wastewater facilities is sufficient to provide service to any portion of the new development. The wastewater system extension may be a sewer force main if both of the following apply: depth of the existing wastewater facilities is insufficient to reach any portion of the new development, and the force main serves more than one equivalent residential unit (ERU). When the wastewater system is extended by gravity sewer, all mains shall be connected at full depth and installed at the minimum grade for the size main required to serve all phases of the development. Exceptions to this requirement may be considered when it can be demonstrated to the satisfaction of CWS that the main being extended is a terminus main or a main that cannot otherwise be extended in the future to provide service. The developer of the property shall be responsible for the design, permitting, and construction of the wastewater system extension and for deeding the wastewater assets to CWS for operation and maintenance. All gravity mains, force mains, manholes, pump stations, services and appurtenances shall be designed and installed in accordance with CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.

WASTEWATER COLLECTION SYSTEM EXTENSIONS S88001

3. Wastewater Extensions within Subdivided Property

Charleston Water System (CWS) will not extend wastewater systems at its expense to serve subdivided property that was served prior to the property being subdivided. All costs for the wastewater system extension necessary to provide the required capacity to serve the subdivided property shall be borne by the developer. Wastewater system extensions shall be by gravity sewer when depth of the existing wastewater facilities is sufficient to provide service to any portion of the subdivided property. The main extension may be a sewer force main if both of the following apply: depth of the existing wastewater facilities is insufficient to reach any portion of the subdivided property, and the force main serves more than one equivalent residential unit (ERU). When the wastewater system is extended by gravity sewer, all mains shall be connected at full depth and installed at the minimum grade for the size main required to serve all phases of the development. Exceptions to this requirement may be considered when it can be demonstrated to the satisfaction of CWS that the main being extended is a terminus main or a main that cannot otherwise be extended in the future to provide service. The developer of the property shall be responsible for the design, permitting, and construction of the wastewater system extension and for deeding the wastewater assets to CWS for operation and maintenance. All gravity mains, force mains, manholes, pump stations, services and appurtenances shall be designed and installed in accordance with CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.

4. Wastewater Mains with Future Service Capacity

Charleston Water System (CWS) reserves the right to establish design parameters for all proposed wastewater systems serving new residential, commercial, institutional and industrial developments so that all wastewater system improvements are consistent with CWS's master plans. These design parameters will require the wastewater systems to include design capacity to serve future phases of a development, and may require design capacity to serve other potential areas as identified by CWS's master plans. The cost of designing and constructing the mains required for future phases of development will be paid by the development requiring the extension. CWS will not provide funding for the additional costs associated with designing and constructing wastewater facilities, which include provisions for future phases of development. CWS may elect to provide design and construction funding to increase capacity for other future needs that are not associated with the development requiring the wastewater system extension. In this case, CWS funding will only be for the incremental cost of design, materials and installation associated with upsizing facilities beyond the capacity needed to supply all phases of a development requiring the extension. Three competitive bids from CWS approved contractors may be required in order to determine the cost of upsizing.

**END OF POLICY
S88001**

WASTEWATER PUMP STATIONS S16001

1. Pump Stations for Development

Charleston Water System (CWS) will not construct wastewater pump stations at its expense to serve development. All costs for the wastewater pump station necessary to provide the required capacity to serve all phases of the development shall be borne by the developer. The developer shall be responsible for the design, permitting, and construction of the wastewater pump station and for deeding the wastewater pump station assets to CWS for operation and maintenance. All gravity mains, force mains, manholes, valves, pump stations, services and appurtenances shall be designed and installed in accordance with CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.

2. Pump Stations with Future Service Capacity

Charleston Water System (CWS) reserves the right to establish design parameters for all proposed wastewater systems serving new residential, commercial, institutional and industrial developments so that all wastewater system improvements are consistent with CWS's master plans. These design parameters will require the wastewater systems to include design capacity to serve future phases of a development, and may require design capacity to serve other potential areas as identified by CWS's master plan. The cost of designing and constructing the wastewater pump station and associated facilities required for future phases of development shall be paid by the development requiring the pump station. CWS will not provide funding for the additional costs associated with designing and constructing the wastewater pump station and associated facilities, which include provisions for future phases of development. CWS may elect to provide design and construction funding to increase capacity for other future needs that are not associated with the development requiring the wastewater pump station. In this case, CWS funding will only be for the incremental cost of design, materials and installation associated with upsizing the wastewater pump station and associated facilities beyond the capacity needed to supply all phases of a development requiring the pump station. Three competitive bids from CWS approved contractors may be required in order to determine the cost of upsizing.

**END OF POLICY
S16001**

SATELLITE SEWER SYSTEMS S16002

SC DHEC defines a satellite sewer system as a sewer system that is owned or operated by one person that discharges to a system that is owned or operated by a different person. On a case-by-case basis, Charleston Water System (CWS) will consider for approval a satellite sewer system discharge to a CWS-owned sewer system under the following conditions:

1. CWS-owned gravity sewer service is not available to the property.
2. The property to be served has access to a CWS-owned sewer force main with the required capacity to provide the requested service. "Access" shall mean that a CWS-owned sewer force main exists in a public Right-of-Way or CWS easement which borders or is contiguous to the property under consideration.
3. The proposed satellite sewer system is to provide service to a single non-residential building under the ownership of a single entity or individual and is located on a single parcel of property.
4. The requested sewer service is for 24,000 gallons per day or less as defined by CWS's Unit Contributory Loading Criteria.
5. All permitting requirements established by SC DHEC have been satisfied.

CWS will not construct any component of a satellite sewer system at its expense. All costs for the satellite sewer system, including connection to the CWS-owned force main, shall be borne by the single entity or individual requesting service. The single entity or individual requesting service shall be responsible for the design, permitting, and construction of the satellite sewer system. All components of a satellite sewer system shall be designed and installed in accordance with the requirements of SC DHEC and CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems. CWS will not allow subsequent extensions of or connections to permitted satellite sewer systems. All costs to operate and maintain a satellite sewer system shall be the responsibility of the permitted owner.

A permitted satellite sewer system owner may voluntarily connect to a CWS-owned gravity sewer when such service becomes accessible to the property. In such cases the permitted owner shall, at his or her expense, be responsible for the design, permitting and construction of the facilities necessary to connect to the CWS-owned gravity sewer in accordance with the requirements of CWS's Minimum Standards for the Design and Construction of Water and Wastewater Systems. This shall in no way imply or constitute transfer of ownership or responsibility for the permitted satellite sewer system to CWS.

If an owner of a permitted satellite sewer system fails to comply with SC DHEC requirements for operation and maintenance he or she may be required by SC DHEC to cease operations or connect to a publicly owned treatment works (POTW). In such cases the permitted owner shall, at his or her expense, be responsible for the design, permitting and construction of the facilities necessary to connect to the CWS-owned wastewater system in accordance with the requirements of CWS's

**SATELLITE SEWER SYSTEMS
S16002**

Minimum Standards for the Design & Construction of Water and Wastewater Systems. This shall in no way imply or constitute transfer of ownership or responsibility for the permitted satellite sewer system to CWS.

For additional information regarding Satellite Sewer Systems, refer to Charleston Water System's Water and Wastewater Policies, Procedures, and Standards Manual.

**END OF POLICY
S16002**

**WASTEWATER SYSTEM ACTIVATION / SERVICE ACCEPTANCE LETTER
S88002**

Wastewater systems will not be activated, or approved for providing wastewater service in any capacity, until all of the following steps are completed:

1. All requirements established by SC DHEC have been completely satisfied.
2. All requirements established by Charleston Water System's (CWS) Engineering & Construction Department have been completely satisfied. Requirements are published in CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems.
3. CWS issues a Service Acceptance Letter.

**END OF POLICY
S88002**

ENGINEERING SERVICE FEES FOR WASTEWATER S88003

1. Engineering Services Fee

Charleston Water System (CWS) will charge an Engineering Service Fee of five hundred dollars (\$500) as a component of each wastewater impact fee assessed. The Engineering Services Fee will serve to fund the cost of reviewing developer and customer plans, specifications, design documents, sketches, calculations and providing other associated administrative services and construction inspection services associated with new development and the installation of new services. The Engineering Services Fee will be established based on periodic evaluations performed by CWS staff. The amount of the fee will be included in CWS's Water Rules and Regulations.

2. Engineering Service Fee Deposit

One hundred dollars (\$100) of the Engineering Services Fee shall be considered a non-refundable Engineering Services Fee Deposit collected at the time plans are submitted for review to cover CWS engineering and administrative costs. In no case will the total Engineering Services Fee Deposit amount be less than \$500 for a single project. No plan review will be performed prior to payment of the deposit. The deposit will be credited toward the total Engineering Services Fee amount due for the project once final plans are approved for permitting by CWS. However, the deposit amount is non-refundable if the project is cancelled after submittal to CWS and will not be credited if the project is reinitiated at some later date.

3. Refunds

Prior to submitting the project to SC DHEC for a construction permit, CWS will collect the balance of the Engineering Services Fees due along with the total impact fees due. Prior to project commissioning, Engineering Services Fees paid to CWS may be reimbursed to the developer, less the Engineering Services Fee Deposit amount, if a project is cancelled or the scope of the project is reduced. Upon determination by CWS that a portion of the Engineering Services Fees is eligible for reimbursement, the applicable amount will be refunded. The Engineering Services Fee Deposit amount, \$100 for each wastewater service impact fee assessed in the original project scope, is not refundable and will be retained by CWS to cover its administrative and engineering costs. In no case will the amount of the non-refundable Engineering Services Fee Deposit be less than \$500.

4. Resubmittals

If the developer wishes to re-initiate a previously cancelled project or activate a delayed project phase, a new project submittal will be required in conformance with the most current CWS Minimum Standards for the Design & Construction of Water and Wastewater Systems, at which time Engineering Services Fees will be assessed according to the most current CWS fee structure. No credit will be given for any portion of Engineering Services Fees previously retained by CWS.

**ENGINEERING SERVICE FEES FOR WASTEWATER
S88003**

5. Exceptions

Exceptions to this Policy may be made on a case-by-case basis by the Chief Executive Officer (CEO) if the CEO determines that extraordinary circumstances exist such that an exception to the Policy is required to make certain that the application and intent of the Policy is fair and reasonable both to the customer and CWS.

In cases where CWS provides service for retail wastewater accounts under the basis of a wholesale service contract, and CWS does not provide the engineering services described above, CWS may waive the \$500 Engineering Services Fee portion of each impact fee assessed.

**END OF POLICY
S88003**

INSTALLATION OF WASTEWATER SYSTEMS IN ESTABLISHED SUBDIVISIONS S88005

Charleston Water System (CWS) is sometimes requested to install wastewater systems in established subdivisions where public wastewater service does not exist. CWS will consider these requests on a case-by-case basis and may elect to install wastewater systems provided funding is available and the request meet the following criteria:

1. The subdivision or planned unit development is determined to be approximately 50% developed and occupied.
2. A request or petition signed by at least 75% of the existing residents is submitted to CWS's Engineering & Construction Department indicating that they are willing to pay the published wastewater connection fees and rates and agree to connect to the system and become a customer should the wastewater system be constructed.
3. Letter of Commitment outlining an individual's commitment to connect to the wastewater system.

CWS will evaluate each request and determine the feasibility and cost-effectiveness of the project based on the total project cost, number of equivalent residential units served and other criteria that may be specific to the request on a case-by-case basis. Refer to latest revision of the Cost-Effectiveness Policy for details.

**END OF POLICY
S88005**

**WASTEWATER SYSTEM DESIGN AND CONSTRUCTION PROCEDURES
S88007**

Any entity wishing to install or extend any Charleston Water System (CWS) wastewater facility must adhere to the requirements described in CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems as amended and in force at the time the Development Agreement is signed. In the event that no Development Agreement is required, the system must conform to the requirements in place at the time plans are approved for installation by CWS. In the event that construction does not progress at a reasonable rate following approval or is otherwise not initiated within one (1) year, CWS will re-evaluate the project on the basis of service availability, fees and design standards to ensure conformance with requirements in place at the time the project is re-initiated. Refunds of fees paid to CWS, if applicable, will be as described in policies S88003 and S88011.

**END OF POLICY
S88007**

**WASTEWATER SERVICE AREAS
S88008**

Charleston Water System's (CWS) wastewater service area will include all areas within the corporate boundary of the St. Andrews Public Service District and the City Of Charleston, except for a small area within the City limits, north of Mt. Pleasant Street, located on the Charleston Peninsula. CWS may provide service outside these areas through special agreements with the governing authority having the right to provide wastewater service or as assigned by the area 208 Plan administered by the Charleston-Berkeley-Dorchester Council of Governments. CWS may also provide wholesale service based on agreements with other municipalities or governmental agencies.

**END OF POLICY
S88008**

**WASTEWATER TAP FEES AND CHANGE-IN-USE FEES
S88010**

1. Wastewater Tap Fees

Charleston Water System (CWS) assesses tap fees to all new connections made to the wastewater system. The tap fee is established based on sound utility rate making principles and practices. The respective tap fee amounts are defined in CWS's Wastewater Use and Rate Resolutions and CWS's Water Rules and Regulations.

2. Wastewater Change-in-Use Fees

Change-in-Use fees will be assessed to new or expanded wastewater customers where the proposed use of a parcel of property will generate more wastewater (as defined by CWS's Unit Contributory Loading Criteria) than the existing use or more than one (1) Equivalent Residential Unit (ERU). The Change-in-Use fee is charged to the customer at the time of application for service. No credits will be issued for decreases in flow which result from a proposed Change-in-Use of a parcel of property or facility.

Refer to CWS's Wastewater Use and Rate Resolutions for more important information and details regarding wastewater system tap fees and change-in-use fees.

**END OF POLICY
S88010**

WASTEWATER SYSTEM IMPACT FEES S88011

1. Impact Fees

Impact fees are defined as fees that are collected by Charleston Water System (CWS) when new services are requested. Impact fees help to offset the costs associated with designing and constructing capital facilities, which provide for the treatment, collection, and pumping of wastewater. Impact fees will be reviewed periodically and adjusted accordingly in conformance with sound rate making principles and practices for utility systems.

Impact fees will be assessed to all new residential, commercial, industrial, and institutional projects for which wastewater service can be provided. If service cannot be provided, the project and associated impact fees will be deferred until such time as service is available and fees will be due at the prevailing rate at that time. Wastewater impact fees are assessed on new services based on the number of equivalent residential units (ERU) in the proposed project at the impact fee rate per ERU. The number of ERUs will be determined based on the unit contributory loadings defined in CWS's Water and Wastewater Policies, Procedures and Standards Section VIII, as amended. Impact fees for all projects will be assessed and collected prior to the submittal of plans to SC DHEC for construction permits. All fees must be paid prior to the initiation of service. Wastewater impact fee amounts are as defined in CWS's Wastewater Use and Rate Resolutions, as amended. Each wastewater impact fee assessed includes a \$500 engineering services component, see Policy S88003.

2. Refunds

Prior to project commissioning, a portion of the impact fees paid to CWS may be reimbursed to the developer if 1) a project is cancelled, 2) the scope of the project is reduced, or 3) the project is divided into multiple phases. Upon determination by CWS that a portion of the impact fees is eligible for reimbursement, the applicable amount will be refunded, see Policy S8803. After project commissioning, CWS will not refund any portion of the impact fees paid by the developer.

3. Resubmittals

If the developer wishes to re-initiate a project or activate a delayed project phase after receiving an impact fee refund, a new project submittal will be required in conformance with the most current requirements of CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems, at which time impact fees will be assessed according to the most current requirements of CWS's Minimum Standards for the Design & Construction of Water and Wastewater Systems, at which time impact fees will be assessed according to the most current CWS fee structure.

4. Exceptions

Exceptions to this Policy may be made on a case-by-case basis, by the Chief Executive Officer (CEO), if the CEO determines that extraordinary circumstances exist such that an exception to

**WASTEWATER SYSTEM IMPACT FEES
S88011**

the Policy is required to make certain that the application and intent of the Policy is fair and reasonable both to the customer and CWS.

In cases where CWS provides service for retail wastewater accounts under the basis of a wholesale service contract, and CWS does not provide the engineering services described in Policy S88003, CWS may waive the \$500 Engineering Services Fee portion of each impact fee assessed.

Refer to CWS's Wastewater Use and Rate Resolutions for more important information and details regarding wastewater system impact fees.

**END OF POLICY
S88011**

COMMON POLICIES

**DEVELOPER PROJECT CANCELLATION
WS91016**

Project Cancellation

Any project without “Activity” from the developer, the developer’s engineer or the developer’s utility contractor for a period of twelve (12) months, concerning intent to proceed with the project, will be considered canceled by Charleston Water System (CWS) and any letter of availability issued by CWS for utility service shall be considered withdrawn. For the purpose of this policy, examples of “Activity” include such actions as plan submittals, payment of fees, meetings with CWS’s Engineering & Construction Department Staff, written correspondence concerning design, submittal of permit applications, and water/wastewater construction activities. Examples not considered “Activity” are submittals to other municipal planning departments or review boards, telephone calls, and correspondence with other permitting agencies. Upon cancellation, Engineering Services Fees and Impact Fees paid to CWS may be reimbursed in accordance with current policies addressing water and/or wastewater system Engineering Services Fees and Impact Fees, see Policy W88003 and Policy S88003.

Once a project has been canceled by CWS, any continued progress will require the developer or his engineer to re-submit the project plans. CWS will re-evaluate the project on the basis of service availability, fees and design standards to ensure conformance with requirements in place at the time the project is re-initiated. When the project is re-initiated, the appropriate fees will be assessed in conformance with the prevailing CWS fee structure.

**END OF POLICY
WS91016**

WATER AND WASTEWATER MAINTENANCE BOND / LETTER OF CREDIT WS06001

The purpose of the bond or letter of credit is to provide readily available funds from which Charleston Water System (CWS) may draw to make corrections to system deficiencies in the event the Development Agreement is breached in regards to warranted repairs. This will allow for a reduction in CWS costs, reduced repair time, and eliminate connection delays for new customers.

1. Irrevocable Standby Letter of Credit

- a. The developer will provide CWS an Irrevocable Standby Letter of Credit from his/her financial institution for all new CWS water and wastewater facilities (i.e., water main extensions, gravity main and force main sewer extensions, pump stations, etc.) to be deeded to CWS for operation and maintenance. This includes those facilities that are permitted through SC DHEC and those that do not require a permit (i.e. short main & hydrant installations). Individual grinder pump station service(s) will be determined on a case-by-case basis. The letter of credit must be provided by the owner/developer before the facilities are accepted for ownership and operation by CWS. This excludes CWS initiated projects.
- b. The Irrevocable Standby Letter of Credit amount will equal ten percent (10%) of the cost of the newly installed water and/or wastewater facilities as described on the Asset Inventory Worksheet completed by the certifying engineer at the time of project closeout. The letter of credit shall name CWS as the beneficiary and shall be in force until CWS releases the applicant from the warranty, and shall be without conditions.
- c. The developer is liable for any/all repairs of system deficiencies for a period of two (2) years from the date of Commissioning. CWS will notify the developer by certified letter if such repairs are necessary. Upon correction of the system deficiencies and approval of said repairs by CWS, CWS will notify the developer's financial institution of the developer's fulfillment of his/her warranty obligations. In the event the developer defaults on the obligation to make warranted repairs within thirty (30) days of notification from CWS, CWS will proceed to correct any/all system deficiencies and notify the developer's financial institution of the warranty default. All costs incurred by CWS for correction of system deficiencies shall be collected from the developer's financial institution.

2. Maintenance Bond

- a. If the developer cannot provide an Irrevocable Standby Letter of Credit, then he/she must provide a Maintenance Bond for all new water and wastewater facilities (i.e., water main extensions, gravity main and force main sewer extensions, pump stations, etc.) to be deeded to CWS for operation and maintenance. This includes those facilities that are permitted through SC DHEC and those that do not require a permit (i.e. short main & hydrant installations). Individual grinder pump station service(s) will be determined on a case by case basis. The bond will be collected from the owner/developer before the facilities are accepted for ownership and operation by CWS. This excludes CWS initiated projects.
- b. The Maintenance Bond amount will equal ten percent (10%) of the cost of the newly installed

**WATER AND WASTEWATER MAINTENANCE BOND / LETTER OF CREDIT
WS06001**

water and/or wastewater facilities as described on the Asset Inventory Worksheet completed by the certifying engineer at the time of project closeout. The bond amount must be paid in cash to CWS and will be escrowed for the project warranty period.

- c. The developer is liable for any/all repairs of system deficiencies for a period of two (2) years from the date of Commissioning. CWS will notify the developer by certified letter if such repairs are necessary. Upon correction of the system deficiencies and approval of said repairs by CWS, CWS will refund the total bond amount to the developer. In the event the developer defaults on the obligation to make warranted repairs to the water system within thirty (30) days of notification from CWS, the total bond amount will be forfeited by the developer and used by CWS to make the necessary repairs to correct system deficiencies.

**END OF POLICY
WS06001**

WATER AND WASTEWATER WARRANTY INSPECTION FEES WS06002

The purpose of the fee is to provide readily available funds for the two- year warranty inspection performed by the Water Distribution and/or Wastewater Collection Department. This will allow for a reduction in CWS costs, reduced repair time, and eliminate connection delays for new customers.

1. Water Warranty Inspection Fees

- a. A Water Warranty Inspection Fee will be charged for all new water main extensions within the CWS service area. This includes those extensions that are permitted through SC DHEC and those that do not require a permit (i.e. short main & hydrant installations). Whenever there is a portion of new main installed, the fee will be charged to the owner/developer before that main is accepted for operation and maintenance by CWS. This excludes CWS initiated projects.
- b. The Warranty Inspection Fee will be determined based on \$0.50 per linear foot of newly installed water main as described on the Asset Inventory Worksheet completed by the certifying engineer at the time of project closeout, the cost of which may be changed from time to time to current pricing conditions. Any additions or alterations which increase the linear footage shall be charged the Warranty Inspection Fee at the time of said increase. No refunds will be given.

2. Wastewater Warranty Inspection Fees

- a. A Wastewater Warranty Inspection Fee will be charged for all new gravity main and force main sewer extensions and pump stations within the CWS service area. This includes those extensions that are permitted through SC DHEC and those that do not require a permit. Individual grinder pump station service(s) will be determined on a case by case basis. Whenever there is a portion of new main installed, the fee will be charged to the owner/developer before that main is accepted for ownership and operation by CWS. This excludes CWS initiated projects.
- b. The Warranty Inspection Fee will be determined based on \$2.00 per linear foot of newly installed sewer main as described on the Project Questionnaire completed by the certifying engineer at the time of project closeout, the cost of which may be changed from time to time to current pricing conditions. Any additions or alterations which increase the linear footage shall be charged the Warranty Inspection Fee at the time of said increase. No refunds will be given.

**END OF POLICY
WS06002**