

**CHAPTER 2**  
**WATER SERVICE RULES**

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## **SECTION 1 – DEVELOPER FEES AND CHARGES**

### 2-1.1 Metered Construction Water

Water taken through public fire hydrants except for fire fighting purposes will be metered. The following fees and charges shall apply to water delivered through a metered fire hydrant for construction or other approved uses.

One (1) working day notice is required to set fire hydrant meters and requests must be received before 4:00 p.m. Requests received after 4:00 p.m. for next day service and requests for same day meter installation before 4:00 p.m. that day, excluding fire hydrant meters with backflow prevention assembly sets, may be accommodated with payment of an additional \$100 fee.

- a. A fire hydrant permit fee of \$178 will be charged.
- b. A refundable damage deposit of \$200 will be required for each hydrant valve and meter. All or a portion of any remaining deposit will be refunded upon termination of the service if the hydrant, hydrant valve and meter are undamaged during the period of use and all inactive hydrant meter water accounts have been paid in full. The CSWRD may, at its discretion, apply the \$200 damage deposit to the closing bill.
- c. A refundable damage deposit of \$500 will be required for each backflow prevention assembly installed by the CSWRD on a hydrant meter. This deposit will be applied to the closing bill upon termination of the service if the backflow prevention assembly is undamaged during the period of use.
- d. The service charge for a fire hydrant meter shall be \$1 per day.
- e. The consumption rate shall be set at the third tier consumption rate of the adopted monthly metered rates for domestic services schedule.

In lieu of a fire hydrant meter for taking construction water, the construction water may be taken through the service connection that is intended to serve the parcel, or it may be taken through any other metered method approved by the CSWRD that assures that all water utilized during the construction period is metered.

The construction period shall be considered to have ended for the applicant upon notification to the CSWRD by the applicant and after the CSWRD has made a final meter reading for billing purposes. The CSWRD will then discontinue (shut-off) the service unless it has received an application for service to that location. Water used through the service connection(s) on a parcel prior to notification to the CSWRD that the construction period has ended will remain the responsibility of the applicant.

The Developer responsible for the contract agreement may transfer, for the purposes of construction water billing only, all, or part of a development to a subsequent Developer following the installation, inspection, and acceptance of facilities as shown on the approved water plans. The agreement Developer shall notify the CSWRD of the transfer by letter, specifying by lot and block and supplemented by an annotated map of approved water facilities plans, the portions(s) of the development transferred by written, executed agreement to the subsequent Developer. A subsequent Developer shall be responsible for the billing for construction water, any outstanding water facilities remaining to be completed, and any damages caused by his actions to CSWRD facilities within this approved transferred area.

All construction water, except as provided in these Service Rules, must be measured for consumption using approved meters installed by CSWRD.

### 2-1.2 Non-Metered Construction Water

Water used in the disinfection of newly constructed public water mains does not have to be metered. Flushing of the mains shall only be done in the presence of a CSWRD representative.

2-1.3 Application for Water Service Fee

All applicants for any water service will be required to pay a non-refundable fee, at the time water plans are submitted for review, or at the time application for service is made if water plans are not required, as follows:

NON-REFUNDABLE WATER SERVICE APPLICATION FEE

Meter Size	Application Fee per Meter Size
5/8 "	\$ 140
3/4 "	\$ 210
1 "	\$ 350
1½ "	\$ 700
2 "	\$ 1,120
3 "	\$ 2,100
4 "	\$ 3,500
6 "	\$ 7,000
8 "	\$11,200
10 "	\$16,100
12 "	\$23,800

Application Fee for fireline(s) without domestic meter installation is \$750.

Application fee for a water plan with public fire hydrant(s), which include a temporary fire hydrant or temporary riser without domestic meter installation is \$500.

There will be a \$75 charge for staff review of each revision to applications and plans that constitute a change to documents, fees, or services.

2-1.4 Inspection Fee

Size	Inspection Fee per Each
a. All water Services 2" or less	\$ 295
b. Domestic Services greater than 2" and Combined Services	\$1,880
c. Firelines	\$1,430
d. Public Fire Hydrants, temporary riser (per project, without domestic service)	\$1,230
e. Backflow Prevention Assembly (Retrofit Only)	No Charge

After hours inspection fee is \$90/hour.

All other inspections occurring after the time limitation established herein and not related to above services description shall be \$60/hour, plus a round trip fee of \$120 per inspection.

A minimum of \$295 will be charged for accumulated site inspections for any project that is cancelled in accordance with these Service Rules. The balance of Inspection Fees will be refunded as part of the cancellation process.

2-1.5 Service Connection Installation Charges

The following charges shall apply under normal conditions:

Meter Size	Complete <sup>1</sup> Service	Service Excluding Meter	Meter <sup>2</sup> Only	Automated Meter <sup>3</sup> Reading Device (AMR)	Backflow <sup>4</sup> Prevention
5/8"x3/4"	\$ 1,314	\$ 1,177	\$ 33	\$104	\$ 840
3/4"	1,324	1,177	43	104	840
1"	1,348	1,177	67	104	840
1½"	1,563	1,267	192	104	1,120
2"	2,749	2,391	254	104	1,180
Over 2"	Actual Cost				

<sup>1</sup> Price includes \$104 for AMR device for District installed services, unless AMR already exists.

<sup>2</sup> Price effective upon installation of full service only. A District approved meter is required for all single-family residences with fire sprinkler systems.

<sup>3</sup> Required of all new services.

<sup>4</sup> Devices required under NAC 445A.67185-67255, as amended, will be installed at the rate shown above, or on an actual cost basis determined by a contract approved by the District's Board of Directors.

If unusual installation conditions exist, the applicant will be advised of the terms and conditions, which must be met before an application for service will be accepted. In circumstances under which the LVVWD anticipates unusual installation conditions, the applicant shall pay a deposit established by the LVVWD. A refund or billing will be made when the job is completed and actual cost determined. Unusual installation conditions shall exist when, in the opinion of the LVVWD, the installation is to be made under conditions that would result in unusual or significant departure from the basic installation charges set forth in the rate schedule.

2-1.6 Credit for Returned Meters

If meters obtained from the CSWRD for the purpose of being installed by a private contractor during construction of a development are returned before the project has received final acceptance from the CSWRD, the following credits will be made:

- a. Undamaged meters - 100% of original Developer cost.
- b. Damaged meters - 30% of original Developer cost.

2-1.7 Charge for CSWRD Installation of Meters

When the CSWRD discovers that water is being taken through an unmetered service, is damaged, or the meter is not operating properly, or the wrong size meter was installed, and the water plan approval required that the meter be set by the Developer, the CSWRD will install the meter and charge an installation charge based on the following schedule:

<u>Meter Size</u>	<u>Installation Charge</u>
1" or smaller	\$165
1½"	\$275
2"	\$600

The cost of the original meter issued to the Developer will be refunded if that meter has not been used or damaged and is returned to the CSWRD. If the development is under warranty for its water facilities, the Developer can replace the meter at his expense.

## **SECTION 2 - WATER COMMITMENT**

This section identifies the process of obtaining a new water commitment. The process is designed to address the association of a water resource plan with obtaining a water plan approval, and ensuring against the over-commitment of water beyond an unused and available water supply. The Board for the CC - CSWRGID shall prepare and adopt a water resource and supply plan, and thereafter, review annually and modify as necessary to reflect the actual historical water use and revised projections. The plan will be based on staff review of information provided by CSI or CSLD, as the case may be, that identifies present water usage, projected future use and identify water resources and facilities necessary to meet future demands in the Coyote Springs master planned community being developed by CSI and its affiliates.

Before a new water service connection is authorized for installation, on-site addition or on-site expansion to an existing service, a water commitment must be obtained from the CSWRD. The water commitment process requires the Developer to proceed at their own risk, with no assurances or guarantees that a water commitment will be made, until all steps in the applicable water commitment process are complete. This commitment process is on a "first come, first served basis". Compliance with these Service Rules does not create a right to water service in favor of any Developer or builder unless water is available.

Notwithstanding any provision in these Service Rules, payment of fee, or construction of water facilities at a Developer or CSWRD's expense, the CSWRD may deny any request for a water commitment or request for a water connection if the CSWRD has an inadequate supply of water, or there are physical limitations in the system capacity to serve the proposed customer and simultaneously maintain an adequate level of service to other customers, or compromises public health and safety.

A water commitment process administered by the CSWRD staff will cease when the CSWRD has less than 700 AFY of unused water available for commitment in the final map area. Instead, during such time, the Board will be responsible for issuing any water commitment approvals. As soon as CSWRD has more than 700 AFY of unused water, then the commitment process will again be administered by CSWRD staff.

### 2-2.1 Applicability

#### a. New Domestic Service Connections

All applications for new domestic service connections must have a water commitment before the CSWRD will provide water service.

#### b. Expansions or Additions

Any expansion or addition of buildings or structures on any parcel presently served by the CSWRD that will add more than 24 fixture units or equivalent will require a water commitment from CSWRD for the increased use of water. Expansions or additions to single family residences are excluded from this requirement.

#### c. Increase in Meter Size for an Existing Service Connection

A new water commitment may be required for any existing service connection (except single family residential service connections) requiring an increase in meter size and additional water use before the CSWRD will provide the additional capacity.

### 2-2.2 Water Commitment Process

Recordation of a parcel map, land division map or other map does not provide a water commitment unless the required steps outlined in this section have been completed. A water commitment will only be issued according to the following process:

#### a. Development Approval

Any new water commitment, except those provided for in this Chapter, will require development approval from Clark County. The CSWRD will process development approvals on a first come,

first served basis as the requirements of the water commitment process listed below are fulfilled, and as long as water is available to commit.

b. Water Commitments for all New Subdivisions, New Parcel Maps and New Land Divisions (Mapping Process)

A water commitment for all new subdivisions, new parcel maps, and new land divisions will be made upon completion of all the following items:

1. Subdivision, parcel map, or land division map approval is obtained pursuant to Chapter 278 of Nevada Revised Statutes plus any other approval required from Clark County.
2. A minimum financial commitment to the project equal to \$5,000 per acre-foot of projected water use has been reached. The financial commitment must be in the form of constructed improvements, bonds, other acceptable surety, or a combination thereof. The bonds or other acceptable surety must be certified to CSWRD by Clark County in the form of constructed improvements, bonds, other acceptable surety, or a combination thereof.

The following new improvements will be considered for satisfaction of financial commitments:

- Streets, roadways, water lines, sewer mains, drainage facilities, traffic improvements.
- Construction of local and regional improvements.
- Site grading.
- Foundation or vertical construction of buildings.
- Construction and dedication of recreational or community amenities.
- Any other CSWRD approved physical improvements.

The following improvements **will not** be considered for satisfaction of financial commitments:

- Land acquisition.
- Legal fees or representations.
- Water, wastewater, or utility connection fees.
- Building or other permit fees.
- Dedication of right-of-ways or easements.
- Engineering, architectural, surveying, or other professional fees.

3. The development approval(s) are issued by Clark County.
4. All fees, charges, and deposits required by these Service Rules are paid, all CSWRD agreements are executed, and the appropriate water plan approval is obtained from the CSWRD.
5. Final subdivision map, parcel map, or land division map with commitment certified by CSWRD is recorded after completion of Items 1 through 4 above.

Water will be committed through the above process as follows:

- Single-family residential subdivision lots/units (including associated common areas), single-family residential parcel map lots, and single-family residential land division lots will receive a water commitment for the intended use unless specifically stated otherwise on map.

- Non single-family residential subdivision lots, multi-family residential parcel map lots, and multi-family residential land division lots or master plan developments will receive a water commitment limited to one (1) acre-foot per lot, or one (1) acre-foot per acre, whichever is less. If an additional water commitment is required to complete a project, the process in effect at the time will be followed.
  - Non-residential lots in a parcel map or land division will not receive a water commitment through the mapping process. They will obtain a commitment through the process identified in Chapter 2.2.c below or the process in effect at the time.
- c. Permit Process - Water Commitments for All Projects Other than New Subdivisions, New Parcel Maps, and New Land Divisions (Permit Process)

To obtain a water commitment for any project other than new subdivisions, new parcel maps, and new land divisions, the applicant must first obtain a conditional water commitment. A conditional water commitment may be obtained when all of the following conditions are met:

1. Primary building permit(s) and plans for off-site improvements are approved by all required agencies.
2. All off-site improvements including water facilities are constructed, or bonds or other acceptable surety are posted as required by Clark County or the CSWRD.
3. The development approval(s) are issued by Clark County.
4. All fees, charges, and deposits required by these Service Rules are paid, all CSWRD agreements are executed, and water plan approval is obtained from the CSWRD. Fees may not be paid until 1–3 are completed.

Once the requirements listed above (1-4) are met, a conditional commitment is issued by the CSWRD. The conditional commitment is tied to the primary building permit(s). If the primary building permit(s) expire, the conditional water commitment terminates at once.

The conditional water commitment will become a final water commitment after the water facilities are constructed by the applicant and accepted by the CSWRD, and the certificate of occupancy or certificate of completion is issued by Clark County.

If a development approval is issued by Clark County for a project that does not require a building permit to be issued in order for the project to be constructed, a conditional commitment may be issued based on the offsite improvement plan approval, or other beginning action such as a “notice to proceed” issued by the public entity for construction. The conditional commitment will become a final commitment when all construction is accepted as complete by all approving public entities.

### 2-2.3 Water Commitment Limitations

Water commitments cannot be traded, sold, or transferred.

### 2-2.4 Commitment Documentation

It is the applicant’s responsibility to provide proof to the CSWRD of a water commitment or other documentation where required.

### 2-2.5 Unauthorized Expansion/Addition

In the event an increase in water consumption occurs due to an unauthorized expansion or addition to a parcel as identified in Section 2-2.1(b) of these Service Rules that has not received an additional water commitment from CSWRD, the CSWRD may terminate service to the parcel in accordance with these Service Rules.

#### 2-2.6 Water Plan Review

CSWRD may review water plans for new development without development approval from Clark County, or without a water commitment, however, such review does not in itself give any additional consideration toward a water commitment, or any property right in water, to said new development or any other project.

#### 2-2.7 Projected Water Usage

The projected water usage for any and all projects is determined solely and exclusively by the CSWRD including consideration of the density and uses of land permitted in the zoning District or master plan approved by Clark County.

#### 2-2.8 Removed Service Connection

Once a service connection is requested to be removed, a water commitment to the parcel via the removed service connection is automatically canceled.

#### 2-2.9 Reversionary, Merger, and Resubdivision Maps

If a subdivision, parcel map or land division map, or any portion thereof reverts to acreage or is merged and resubdivided, the water commitment is automatically terminated for that portion of the property that has so reverted, merged, or resubdivided. The retention or disposition of any water facilities constructed to serve said development shall be at the CSWRD's sole discretion.

#### 2-2.10 Commitment Documentation

It is the applicant's responsibility to provide proof to the CSWRD of a water commitment or development approval when required.

#### 2-2.11 Unauthorized Expansion/Addition

In the event an increase in water consumption occurs due to an unauthorized expansion or addition to a property as identified in Section 2-2.1.b, the CSWRD may terminate service to the property in accordance with Chapter 1-4 of these Service Rules.

#### 2-2.12 Water Plan Review

The CSWRD may review water plans for new development without development approval from Clark County or a water commitment, however such review does not in itself give any additional consideration toward a water commitment, or any property right in water, to said new development or any other project.

#### 2-2.13 Projected Water Usage

The projected water usage for any and all projects is determined solely and exclusively by the CSWRD including consideration of the density and uses of land permitted in the zoning District.

#### 2-2.14 Reversionary, Merger, and Resubdivision Maps

If a subdivision, parcel map or land division map, or any portion thereof reverts to acreage or is merged and resubdivided, the water commitment is automatically terminated for that portion of the property that has so reverted, merged, or resubdivided. The retention or disposition of any water facilities constructed to serve said development shall be at the CSWRD's sole discretion.



## SECTION 3 - SERVICE CONNECTIONS

### 2-3.1 General Provisions and Conditions

The installation of meters is required for all existing non-single-family residential services and all new services. Payment for all water used from the time of initial service installation shall be the responsibility of the applicant along with payment of the required connection charges for all service connection types.

The CSWRD reserves the right to determine the size of the service connection to be installed. The minimum lateral pipe size shall be one inch (1"). For new service connections greater than one inch (1"), the lateral pipe shall be the same size as the meter. No service connection shall be approved of a size larger than can be supplied by the main without adversely affecting service to other customers.

The minimum sizing standard for meters will be a three quarter inch (3/4").

In the event an existing main is determined to be inadequate to meet the requirements of an applicant and main extension will provide for those requirements, provisions of these Service Rules applying to main extensions will be followed.

Whenever two mains are available from which service can be provided, the CSWRD shall, at its option, determine the main to which service connection will be made.

Plans acceptable to the CSWRD are required for all service connections except individual residential service connections under two (2) inches in diameter to be installed by CSWRD. Water plans shall be prepared by a Nevada Registered Professional Engineer for review by the CSWRD for conformance to CSWRD construction standards, as stipulated in Chapter 2-4, "Installation of Water Facilities". However, the review is neither an indication that a property right in water is or will be granted, nor shall evidence of review be construed as a preference for obtaining a commitment. It is the applicant's responsibility to obtain development approval along with other commitment requirements specified in these Service Rules.

In the event the authority having jurisdiction over the right-of-way within which the service connection will be installed requires a permit for such installation, the CSWRD will make application for such permit for work to be performed by the CSWRD and for water facilities installed by a private contractor that are located within Nevada Department of Transportation right-of-way. Any fees or charges associated with such application will be borne by the applicant. Should such permit not be issued to the CSWRD by the authority having jurisdiction, the applicant shall be so notified in writing. The applicant may then make application for such permit to the authority having jurisdiction or may request the return of all fees, charges and deposits paid. If the applicant chooses the latter option, the CSWRD shall not be required to provide service. If the applicant is unable to obtain the required permit, the CSWRD has no obligation to provide service and shall return all fees, charges, and deposits paid.

### 2-3.2 Location

New or relocated service connections shall be installed at nominal right angles to a main or in accordance with CSWRD Standards. The point of connection shall not be within a street intersection, nor shall any portion of the service connection be within the intersection. The meter location shall be directly adjacent to the parcel being served within the public right-of-way. In the event street right-of-way is not available, the CSWRD may approve installation within an easement or alley adjacent to or on the parcel to be served.

In alleys or easements, meters shall be located at a point as close as practicable to the parcel line within which the main is located. All meters shall be located outside of driveways and other areas where access by CSWRD personnel for operation and maintenance may be restricted.

The meter shall be located outside of travel lanes and driveways and shall be protected from vehicular traffic, as determined by the CSWRD. If the applicant feels extraordinary conditions exist that would prevent compliance with this requirement, he may submit to the CSWRD a written request for a waiver of this requirement at the time the water plan is submitted for review.

### 2-3.3 Composition

Specifications for materials, appurtenances, and construction techniques for service connections are determined and approved solely by CSWRD.

### 2-3.4 Ownership

Service connections, including laterals, meters, curb stops, boxes, shut-off valves, backflow assemblies, and other appurtenances, shall be and remain the property of the CSWRD. Upon acceptance of the installation by the CSWRD, the CSWRD shall be responsible for the maintenance and repair of such facilities, subject to any agreements covering the installation of such facilities. All pipe and fittings from the distribution main to the meter, regardless of the meter location on the customer's property, shall be maintained by the CSWRD. If no meter exists, all pipe and fittings from the distribution main to the property line shall be maintained by the CSWRD. All other piping and facilities from the meter box or if no meter exists, from the property line, to the building(s) served are the responsibility of the customer. The CSWRD will be responsible for the maintenance and testing of backflow prevention assemblies. Any entry into, or work, including but not limited to operation, maintenance, repair, or relocation of CSWRD property by any person or firm not employed by the CSWRD is expressly prohibited.

### 2-3.5 Installation of Service Connection

The property owner shall be responsible for payment to the CSWRD of all applicable fees, charges, and deposits in effect at the time the application is made. Service connections may be installed by the CSWRD. Service connections installed by the applicant shall comply with the requirements of these Service Rules.

### 2-3.6 Service Connection Types

In addition to the installation requirements for a standard service connection, the following shall apply:

#### a. Private Fire Service

Private fire service shall be equipped with a CSWRD approved double check detector assembly and use is restricted to standby for emergency fire protection.

#### b. Emergency Service

Emergency service shall be authorized for limited periods of time when the usual source of supply fails or is declared to be potentially harmful or in other circumstances that endanger health or property. Connections may be provided, at the discretion of the CSWRD, to a fire hydrant or any available outlet from facilities and shall conform to the requirements of these Service Rules. The applicant shall pay all installation costs, applicable fees, charges, and deposits and shall make application for a main extension in accordance with Chapter 2 of these Service Rules, if applicable.

All emergency services shall be limited to a maximum of sixty calendar days. Should the need for the emergency service extend beyond sixty (60) calendar days, the applicant shall apply to the CSWRD for a time extension. The emergency service may be extended by the GM until such time as the application can be brought to a regularly scheduled meeting of the Board.

In the event that the emergency service will provide water to multiple users, a deposit shall be submitted that shall include an amount for an estimated thirty (30) calendar days of consumption

including service charges for each unit of property to be served. A single monthly bill shall be issued to the applicant, who will be responsible for payment.

#### c. Non-Standard Service

A non-standard service may be authorized when in the opinion of the CSWRD a main extension will not be necessary for orderly development of the system, fire protection, service to other

property or other reasons. On-site piping from the meter or shut-off valve to the customer shall not be located within public thoroughfare. A copy of the recorded easement grant between the property owner and applicant for the on-site piping shall be provided to the CSWRD.

d. Temporary Service

A temporary service may be authorized by the CSWRD when the applicant provides a guarantee for the construction of any required main extensions and a standard service connection to the parcel. The applicant is required to pay applicable fees, charges, and deposits in accordance with the provisions of these Service Rules.

2-3.7 Metering Requirements for New Developments

- a. It is the intent of the CSWRD to separately meter all services for each dwelling unit, public, quasi-public, commercial, and/or industrial occupancy. Inter-connection(s) are not allowed which include, but are not limited to expansion of on-site systems to serve adjacent parcels. However, the CSWRD retains the right to determine the quality, quantity, type, size and location of all such metered services and appurtenances.
- b. Each lot or parcel shall have a minimum of one (1) metered service. If, in the opinion of the CSWRD, a single meter for all service is the most practical installation for CSWRD access, operations, and maintenance, one (1) properly sized meter may be installed to serve the entire development. The CSWRD shall make the final determination of a properly sized meter.
- c. In the event a parcel is divided into more than one (1) lot after water service is obtained from the CSWRD, it is the property owner's responsibility to obtain additional water commitments and services for the additional lots from the CSWRD prior to the parcel division. Inter-connection(s) that include, but are not limited to the expansion of on-site systems to serve adjacent parcels, are not allowed.

Commercial subdivisions, with CC&R's that include property management payment of communal services, may be exempted from this requirement provided adequate documentation is provided to support this arrangement. CSWRD will not prorate water bills between or among customers.

2-3.8 Metering Requirements for Conversion of Developments

All existing developments which were developed in accordance with the provisions of any applicable zoning ordinance enacted pursuant to law that are to be converted from rental occupancies to occupancies for the transfer of titles in an occupancy and open space may retain the existing metered service without modification except when such service is required to be modified in the interest of the public health, safety and welfare. The CSWRD may authorize the retention of the existing metered services, with or without modifications, for cause.

2-3.9 Meter Maintenance

CSWRD water meters are routinely serviced and maintained during normal business hours. This procedure will cause a total shut down of the services located on a site. Customers can avoid this interruption in service by providing a bypass valve and piping, per CSWRD standards.

2-3.10 Cross-Connection Control (Backflow Prevention)

The CSWRD's Cross-Connection Control (Backflow Prevention) program for service protection is conducted pursuant to NAC 445A.67185-67255, as amended.

All backflow prevention assemblies for service protection are tested and maintained by the CSWRD in accordance with NAC 445A.67185.

The CSWRD may require access to properties of customers currently receiving water service to conduct a cross-connection control survey pursuant to NAC 445A.67185. The purpose of this survey is to establish the extent of protection required for the CSWRD's water system based on an evaluation of how a customer uses water on a site. Examples of on-site uses requiring protection include, but are not limited to, laundries, businesses that mix and process chemicals and water, potable and/or non-potable irrigation systems, and fire services. Water from a customer's service may, under certain conditions, be drawn into the public water supply through the meter (through a backflow condition such as backsiphonage or backpressure). If there are existing or potential cross-connections with non-potable fluids on a customer's property, the water drawn into the public water supply may be contaminated and therefore compromise the CSWRD's supply. The installation of a CSWRD approved backflow prevention assembly adjacent to the meter may be required based on the results of the survey and the identification of existing or potential cross-connections within the property. Such installations may also be required pursuant to NAC 445A.67195-6721.

The CSWRD may determine that there is the potential for contamination of the CSWRD's distribution system from an existing service(s) due to processes on a customer's property. This requirement may be made in the absence of a cross-connection control survey pursuant to the conditions specified in NAC 445A.67195 through 67215 inclusive. At that time, the CSWRD may install a backflow prevention assembly at its expense. If a customer requests a larger assembly, the cost of that equipment and installation will be borne by the customer. The customer must provide an easement to the CSWRD for this work unless one of approved dimensions already exists.

If the customer objects to the requirement for backflow prevention assembly installation, he shall, at his own expense, obtain a cross-connection control survey from a Certified Cross-Connection Control Specialist. If the survey finds no need for backflow prevention, the requirement by the CSWRD shall be deferred at that time. The CSWRD may require the customer to obtain, at his own expense, a similar CSWRD approved cross-connection control survey not more frequently than annually to validate that the deferral is still appropriate. An approved copy of the results of the survey shall be provided to the CSWRD, which will determine the need for an assembly. Failure to provide such a survey shall be cause for the CSWRD to require the immediate installation of a backflow prevention assembly as required by NAC 445A.67195 through 67215 inclusive. The customer shall pay all expenses required for this installation.

A CSWRD approved backflow prevention assembly adjacent to the meter will be required at applicant's expense for all new services to commercial and industrial facilities, all new fire services, all new potable and/or non-potable irrigation services, all services for parcels with multiple services, for the relocation or upgrade of existing services, or when on-site work occurs to any facility which would otherwise qualify for installation of a backflow prevention assembly pursuant to NAC 445A.67195.

The backflow prevention assembly may be installed by a properly licensed contractor however, the installation shall be approved, inspected, and the assembly tested to CSWRD Standards before the service is activated.

Installations of backflow prevention assemblies larger than 2" by the customer/applicant shall be accomplished in accordance with Chapter 2 of these Service Rules. An easement shall be provided to the CSWRD for the construction, operation, and maintenance of all backflow assemblies larger than 2".

Backflow prevention assemblies 2" and smaller may be installed by a licensed contractor provided the property owner first obtains a permit from the CSWRD. A permit for the installation and inspection shall be obtained by the owner/Developer for all assemblies 2" and smaller. Failure to provide the CSWRD access to the assemblies shall be grounds for termination of water service.

An approved backflow prevention assembly appropriate to the degree of hazard shall be installed at the point of delivery to an existing customer's water system as a prerequisite of continued service:

- a. Whenever entry to all portions of the premises is not readily accessible for inspection purposes, making it impracticable or impossible to ascertain whether or not cross-connections exist or as required by NAC 445A.67195.

- b. Whenever an emergency turn off is necessary, as determined by the degree of hazard.

Customers will be notified by mail when a survey or other action (such as a public works or CSWRD project related to existing service removal and relocation, or service adjustment) has revealed that an existing service has been identified as requiring installation of a new or upgraded backflow prevention assembly. The customer shall be required to have the backflow prevention assembly installed in a manner acceptable to the CSWRD within 120 days from the date of the notification. If, after the 120 day period elapses should the backflow prevention assembly not be installed, the CSWRD shall notify the customer of their failure to meet these requirements. If the customer has not completed the installation of the backflow prevention assembly nor responded to the CSWRD 30 days following the notification (150 days elapsed time from initial notification) a second notification shall be made to the customer. If, after 30 days have elapsed (180 days elapsed time from the date of first notification) and the backflow prevention assembly is not installed, the service to the customer's account may be terminated. The CSWRD may elect to install the appropriate assembly at the expense of the customer. Upon completion of installation of the backflow prevention assembly, the CSWRD may restore service.

If the customer so requests, the CSWRD shall take the necessary actions to have the backflow prevention assembly installed. If a customer qualifies due to a public works or CSWRD project that requires an existing service removal and relocation, or service adjustment, and the installation of a backflow prevention assembly, it shall be installed at the expense of the CSWRD. Any requests for a larger service will result in the customer being charged the full cost of the assembly.

Once a customer requests installation by the CSWRD, the 120-day installation period shall be considered as having been satisfied. The CSWRD may make arrangements for the installation by a contractor, or may do the installation using CSWRD work forces. The application shall be considered to have been received by the CSWRD when the customer presents an appropriate application for installation along with a properly executed easement and/or license document and delivers payment in the amount estimated by the CSWRD as set forth in Chapter 2 for the installation work. Following completion of the work, the CSWRD shall either refund to the customer overpayments or shall invoice the customer for the monies required.

In some locations where physical constraints may preclude the installation of backflow protection on individual services, the CSWRD may choose to install a properly sized backflow prevention assembly on a portion of the distribution system to protect other customers in the vicinity. In this situation, the CSWRD shall make all arrangements for the backflow prevention assembly installation. At the completion of the installation, the cost of the installation will be prorated to the parcels requiring protection based on the equivalency sizes of the services involved. Those service users will then be billed a monthly service charge equal to the amount charged for a backflow prevention assembly equal in size to their installed service. The CSWRD will notify the customer in advance of installation should this situation arise.

#### 2-3.11 Installation of Fire Hydrants

Upon approval of the Clark County Fire Department, the CSWRD may install a fire hydrant for single-family residentially zoned lots when the owner of the lot applies for domestic service and pays all applicable fees charges and deposits, which must include the cost of the fire hydrant and installation.

## SECTION 4- INSTALLATION OF WATER FACILITIES

### 2-4.1 General Conditions for the Installation of CSWRD Water Facilities

a. Applicability

Any work on CSWRD facilities, including, but not limited to the installation of new service connections, water main, backflow prevention assemblies and associated appurtenances (water facilities); and relocation or removal of existing facilities not installed by CSWRD, shall comply with the requirements of this section. All work shall be submitted for review, required fees and charges paid, and approved in writing by the CSWRD, prior to the time the work is started by the Developer.

A main extension shall be required whenever 20' of useable main is not directly adjacent to the proposed development requiring water service, or when the adjacent main cannot meet the needs of the proposed development.

Notwithstanding any provision in these Service Rules, payment of fee, or construction of water facilities at a Developer or CSWRD's expense, the CSWRD may deny any request for a water commitment or request for a water connection if the CSWRD has an inadequate supply of water, or there are physical limitations in the system capacity to serve the proposed customer and simultaneously maintain an adequate level of service to other customers, or compromises public health and safety.

b. Responsibility for Cost

Applicant shall pay all costs for review, approval, acceptance, and provision of said facilities that shall include design and other appurtenant costs, as well as construction costs. Such facilities shall conform to the rules, regulations, and design requirements of the CSWRD.

c. Construction Plans

All water plans submitted for review shall conform to the latest standards of the CSWRD design criteria. Water plans shall all include, at a minimum, the following:

1. Copy of the recorded subdivision final map, parcel map or any other map, if applicable,
2. Two (2) sets (24"x 36") of detailed water plans at a scale not to exceed 1"= 60',
3. A completed data sheet as provided by the CSWRD,
4. The required application fee as specified in this Chapter, and,
5. Development approval or water commitment.

Water plans that meet the requirements of Items 1 through 4 above but do not have a development approval or water commitment may be accepted for review, but the acceptance and review does not in itself give any additional consideration toward a commitment or any property right in water to said new development or other project.

Such plans shall be prepared by a Registered Professional Engineer duly registered in the State of Nevada, shall clearly indicate the size and location of mains and appurtenances, including all lateral pipe and fire hydrants and shall also indicate size and location of all other existing and proposed utilities. Water plans shall designate boundaries of the applicant's property that will be served by the proposed main extension. Proof of right-of-way and/or easement must also be provided.

The CSWRD will review the water plan and return one (1) set of plans to the applicant indicating any necessary revisions. The applicant shall prepare and submit to the CSWRD a set of reproducible Mylar water plans conforming to the revisions, which shall be considered the master water plan after approval by the CSWRD. Upon execution of the appropriate agreements by the applicant and payment of applicable charges, fees and deposits, and after approval of other governmental agencies as may be necessary, and any other requirements, the water plan shall be approved and released for construction purposes.

d. Time Limitations

Approval by the CSWRD for any water facilities shall be valid for a limited time. In the event that construction of the water facilities covered by any approved plan is not started within one (1) year from the date of approval, or as designated in the construction agreement, the project shall be assumed to have been abandoned, and any subsequent proposal for reactivation shall be treated as a new project, including fulfilling all water commitment requirements in effect at the time the project is reactivated. The same shall apply when active construction work is discontinued for one (1) year.

All water facility construction must be completed within two (2) years from the date of plan approval.

If work is not completed in the two (2) year period, the Developer may request a time extension, however, an additional inspection fee is required. A day for daytime extension may be granted by the CSWRD for work that cannot progress due to weather and ground conditions that disrupt normal construction operations.

If toward the completing of the two (2) year period, the work will not be completed in the next six (6) months, the Developer shall also post a bond or cash deposit with the CSWRD to assure completion in one (1) year, or the project may be canceled.

In the event the project received a water commitment pursuant to Chapter 2, Section 2.2(b) or 2.2(c) of these Service Rules, the CSWRD may, at its discretion, invoke the performance bond for the installation of the water facilities rather than canceling the project.

e. Construction, Abandonment, Cessation, Cancellation

In the event of abandonment or cessation of construction, prepaid installation fees and other charges and deposits shall be refunded, or used by the CSWRD to pursue completion of all or part of the project, as determined by the CSWRD.

If a project receives a water commitment under the provisions of Chapter 2, of these Service Rules, and the water plans are subsequently proposed for cancellation, all prepaid installation fees and other charges and deposits shall be retained by the CSWRD until the water commitment is terminated, the project is reverted to acreage, and the Developer requests in writing the fees be returned to him. If the project will require a new approval of the water plan, any retained fees shall be applied to any increased fees required at the time a water plan is reapproved.

If a project receives a water commitment under the provisions of Chapter 2 of these Service Rules and the water plans are subsequently proposed for cancellation prior to the installation of water facilities, all prepaid installation fees and other charges and deposits shall be retained by the CSWRD until the water commitment is terminated, the building permit is terminated or expires, and the Developer requests in writing the fees be returned to him. If the project will require a new approval of the water plan, any retained fees shall be applied to any increased fees required at the time a water plan is reapproved.

If funds are not available to complete the work, the CSWRD may complete the work on an actual cost basis and bill the Developer. Subsequent projects submitted for approval shall be held until invoices for uncompleted work are paid.

To assure CSWRD recognition of an assignment from one Developer/owner to another, an assignment form provided by the CSWRD should be completed, and a fully executed duplicate original should be returned to CSWRD.

f. Compliance With Specifications

Main extensions, service connections, and appurtenances shall be constructed by a contractor properly licensed by the State of Nevada to conform to all CSWRD specifications, standards, and procedures that are in effect at the time the water plans receive CSWRD approval. In addition to all such specifications, standards, and procedures, the following requirements shall be met:

1. All new water facilities shall be disinfected and tested to the satisfaction of the CSWRD before connecting the new mains to existing mains, unless otherwise permitted by the CSWRD.
2. Connections to existing mains shall be made only when authorized by the CSWRD and then only in the presence of an authorized representative of the CSWRD, at times specified by the CSWRD.
3. Existing mains shall not be taken out of service for the purpose of making new connections when other options such as wet taps are feasible. Mains may only be taken out of service with the specific approval of the CSWRD.

g. Construction Inspection

The CSWRD shall inspect the installation of the service connection and backflow prevention assemblies from construction commencement through final water project acceptance. The CSWRD reserves the right to terminate service if the work does not comply with CSWRD requirements. The CSWRD will not provide domestic water service to an identified permanent structure(s) until all water facilities related to that structure(s), as shown on the approved water plans, have been accepted by the CSWRD.

h. Meter Installation

For meters 2" and smaller, the applicant shall obtain the meter from the CSWRD. For meters larger than 2", the applicant shall provide a meter that meets CSWRD specifications.

Meters obtained from CSWRD stock will be acquired in accordance with procedures adopted and approved by the GM. The meter shall be installed before any water is drawn through the service connection.

No meter shall be installed until a successful pressure test and water sample have been verified by the CSWRD.

i. Payment for Water

Payment for all water used from the time of initial meter installation shall be the responsibility of the applicant and will be charged at the commodity rate set forth in Chapter 1 herein. The Developer (applicant) shall remain responsible for correction of all deficiencies and shall remain liable for payment for all metered water used regardless of whether subject facilities are in use by



a subsequent Developer, domestic, or commercial customer, until said defects are corrected by the applicant and are accepted by the CSWRD.

j. Guarantee

Materials and workmanship shall be guaranteed free of defect for a period of one year from date of acceptance by the CSWRD. Upon receipt of notice from the CSWRD, the Developer shall immediately cause any defect to be corrected, or shall reimburse the CSWRD for the cost of correction. Any corrective actions shall themselves be warranted for a one-year period.

k. Location

1. Main extensions and appurtenances shall be located within a dedicated right-of-way or private streets (30) thirty feet in width or greater, dedicated for utility purposes provided adequate clearances are available for operation, maintenance, and repair of the water facilities.
2. If dedicated rights-of-way or a private street dedicated for utility purposes is not available, the applicant may petition the CSWRD and upon CSWRD approval, a main extension and appurtenances may be located within easement grants to the CSWRD not less than thirty (30) feet in width, or as the CSWRD may specify.
3. All rights-of-way, private streets, and/or easements shall be shown on the water plans and shall be provided to the CSWRD prior to the approval of water plans and must provide adequate clearances for the safe operation, maintenance, and repair of the water facilities. The CSWRD reserves the right to determine the location of a main extension and appurtenances.

l. Easements

1. No buildings, structures, or trees will be placed upon, over or under any CSWRD easement, now or hereafter, except that an easement can be improved and used for street, road or driveway purposes and for other utilities, insofar as such use does not interfere with the operation and maintenance of the CSWRD's facilities within the easement.
2. Should the CSWRD act to repair any facilities within the easement, the CSWRD is not responsible for repair or reconstruction of any property located within the easement.
3. Should any of the CSWRD's facilities within an easement be required to be relocated or repaired as a result of changes in grade or other construction within the easement, the property owner will bear the full cost of such relocation or repair, unless the changes in grade or other construction were done by third parties with the written consent of the CSWRD.

m. Size of Mains

A main extension shall be of sufficient size to provide an adequate water supply to the development (subdivision, commercial, industrial, or single residential property).

The minimum size of any main to be constructed as a part of the CSWRD distribution system shall be 8 inches in diameter; except in certain locations where the CSWRD may allow mains 6 inches in diameter. A Developer installing water mains will be required to install these minimum size mains at their sole expense.

n. Fire Hydrants

Fire hydrant installations shall conform to design and location requirements of the Clark County Fire Department.

o. Use of Facilities

A main extension constructed for a development shall not be considered as reserved for service to that development exclusively. Extensions of and connections to such mains for other development may be permitted when, in the opinion of the CSWRD, such connections will not substantially affect service to the original development.

p. Conveyance of Title

Upon satisfactory completion of construction and acceptance of the facilities by the CSWRD, the Developer shall deliver a valid bill of sale conveying unencumbered title to the facilities to the CSWRD.

q. Construction by Private Contractor or CSWRD

Construction work shall be performed by a contractor properly licensed by the State of Nevada and selected by the applicant. Proof of licensing may be required. In certain circumstances when, in the opinion of the CSWRD, the extent of work to be performed is minor and can be accomplished efficiently and economically by CSWRD forces, the applicant shall deposit an amount determined by the CSWRD. Upon completion of construction, the difference between the estimated and actual costs will be either billed or refunded.

r. Refund of Frontage Connection Charges

The Developer will receive frontage connection charges collected by the CSWRD for connections to the main extension installed by the Developer under the provisions of a main extension agreement specifically providing for the refund of frontage connection charges. The potential refunds paid to the Developer shall be limited to the fees collected by the CSWRD up to ten years from the date of the agreement. The total of potential refunds made for connections on either side of the main extension for the development shall not exceed \$17 per linear foot per side of adjacent right of way, to a maximum of \$34 per linear foot of installed main. Any refund for a connection to the main extension shall be made following the date the main and/or services are inspected and accepted by the CSWRD, and a signed Bill of Sale is provided by the Developer.

2-4.2 Service Connections Installed by Private Contractor

If service connections are installed by private contractor, the provisions of this Chapter shall apply.

2-4.3 Standard Main Extensions

a. Applicability

A standard main extension shall apply if the property to be served does not meet the requirements of a residential main extension, or if a residential main extension does not meet the needs of the applicant, and if the CSWRD chooses not to oversize the main.

b. Responsibility for Cost

The cost of a standard main extension, including service laterals, fire hydrants, and all other appurtenances, shall be borne by the applicant.

## **SECTION 5 – NON-POTABLE WATER RESOURCES**

See Chapter 3-4 “Use of Reclaimed Water”

Among the steps taken to provide water resources for Coyote Springs, the adopted annual water resource and supply plan shall include the budgeted development and use of non-potable water throughout the Coyote Springs development.