

**APPENDIX “A”**  
**Effective April 14, 2010**

**SECTION 1: WATER AND SEWER TAP FEES**

**1.1 WATER AND SEWER TAP FEES - SINGLE FAMILY RESIDENTIAL**

COST PER SINGLE FAMILY DWELLING UNIT

<u>Type of Development</u>	<u>for water and sewer tap</u>
Single Family – detached and attached	\$26,615

This includes an allowance for lawn irrigation of up to 3,000 square feet. An additional fee may be charged for larger irrigation areas.

**1.2 WATER AND SEWER TAP FEES/COMMERCIAL, INDUSTRIAL, AND MULTI-FAMILY RESIDENTIAL**

Water and sewer tap fees for commercial, industrial and multi-family residential developments, are calculated on the service requirements of the specific property and expressed on a tap equivalent (T.E.) basis including landscape irrigation. The Authority’s tap fee per tap equivalent (T.E.) as of January 1, 2010 is as follows:

- \$ 21,200.00 per T.E. for potable water service
- \$ 21,200.00 per T.E. for non-potable water service
- \$ 5,415.00 per T.E. for sewer service

The requirements of the property shall be defined as the maximum day demand, as calculated in the AWWA Manual of Water Supply Practices, AWWA M22, section entitled “Sizing Water Service Lines and Meters,” current edition.

A separate meter shall be installed for irrigation of all landscaped areas and a water tap fee paid for irrigation service. The number of water tap equivalents will be calculated using the procedure set forth in 1.3 for estimating consumer demand.

**1.3 PROCEDURE FOR ESTIMATING COMMERCIAL, INDUSTRIAL AND MULTI-FAMILY RESIDENTIAL CONSUMER POTABLE DEMAND.**

The Applicant is to supply certain information to the Authority or designated representative. For a list of needed information:

- 1) Refer to ACWWA Rules and Regulations for Design Review procedures and applicable fees.
- 2) Refer to ACWWA's Construction Drawing Requirements for instructions on preparing utility plans to submit to ACWWA.

In determining the number of TE's needed for a particular connection, all associated fixture values will be obtained using Table 4.3, page 30 of the AWWA M22 Manual current edition. Figure 4.4 or 4.5, page 32 of AWWA M22 will be used to determine the demand of the combined fixture value.

All buildings must use the higher curve on Figure 4.4 or 4.5 to determine the demand of the combined fixture value. Supply/demand adjustments will be made based on the delivery pressure at the tap location, Table 4.2 page 29 AWWA M22. Meter size will be selected from Table 5.6 or 5.7, page 45 AWWA M22. The recommended design criteria for all meters will be 80 percent of maximum capacity of the meter. Turbine-Type Meters will not be allowed for purposes of determining tap equivalents in Table 5.8 AWWA M22.

The following table will be used to equate the meter size and the demand to the number of tap equivalents (T.E.). Payment for each service to be provided shall be made to ACWWA prior to connection by multiplying the number T.E. times the Authority's current tap fee.

<b>METER SIZE</b>	<b>MAXIMUM CAPACITY (GPM)</b>	<b>DESIGN CAPACITY (GPM)</b>	<b>TAP EQUIVALENT</b>	<b>WATER SUPPLY AC-FT/YR</b>
3/4	30	24	1	.5
1	50	40	2	1
1 1/2	100	80	4	2
2	160	128	8	4
3	320	250	18	9
4	600	400	38	19
6	1000	800	72	36

In cases where the actual fixture count of a building is not available at the time of initial tap purchase (such as where a tenant will be responsible to finish the interior space at a later date); the presumptive tap size shall be as follows:

- Buildings less than 20,000 square feet - 1 1/2" tap.
- Buildings between 20,000 and 40,000 square feet- 2" tap.
- Buildings greater than 40,000 square feet - Board Decision based on Development Review Engineer and Authority Engineer recommendations.

If the owner produces persuasive documentation indicating that the tap for a building where the actual fixture count of a building is not available at the time of initial tap purchase, and should be other than shown in the above table, the Manager may consider an alternatively sized tap consistent with the documentation provided. However, the fixture count shall not exceed the

count allowed for the size of the tap, and ACWWA may require an increased tap size and will charge additional tap fees if the actual demand is higher than the estimated demand indicated by the documentation furnished by the owner.

## **1.4 IRRIGATION TAP FEES**

Separate irrigation taps are sold for parkway and boulevard median landscaping, greenbelts, parks, and property owned and maintained by business owners or home owners associations. A water tap fee shall be paid for irrigation service, and the number of water TEs shall be calculated using the ACWWA M22 Manual, current edition.

If the area calculations suggest that the annual water consumption will exceed the water supply associated with the tap size, the Board of Directors shall determine the reasonable tap fee based on demand.

Any owner desiring to obtain an irrigation water tap shall furnish the following to ACWWA or its designated representative:

- 1) Refer to ACWWA Rules and Regulations for Design Review procedures and applicable fees.
- 2) Refer to ACWWA's Construction Drawing Requirements for instructions on preparing utility plans to submit to ACWWA.
- 3) Area calculations associated with the various irrigable uses (i.e. grass, shrub or tree areas).
- 4) Demand assumptions associated with each of the irrigable uses, meter sizing criteria and calculations or assumptions (Head loss assumptions must be in accordance with Uniform Plumbing Code or acceptable industry standards).
- 5) Proposed tap size, meter size and type, location of meter, distances of meter to tap location.
- 6) Hydraulic pressure test of nearest fire hydrant, location of hydrant relative to tap location, and approximate surface elevation difference between tap location and fire hydrant.

## **1.5 FIRE TAP FEES**

No tap fees are charged for fire hydrants or fire protection systems. Monthly fire protection system standby rates are charged based upon connected tap size as described in the section on Fire Protection Rates in this Appendix A.

**SECTION 2: WATER, IRRIGATION & FIRE PROTECTION SYSTEM FEES**

**2.1 Single Family Residential Rates and Fees**

There will be a monthly service fee of \$34.72 plus a monthly volume charge per 1,000 gallons as follows:

Usage gal/mo	From	To	Rate
Block 1	0	4,000	\$3.03
Block 2	4,001	10,000	\$3.79
Block 3	10,001	30,000	\$4.73
Block 4	30,001	Above 30,001	\$5.92

The monthly services fee does not apply to irrigation meters unless the account is irrigation only.

**2.2 Multi-family, Commercial and Industrial Water Service Fee (Water & Irrigation)**

A monthly water service fee will apply to all multi-family, commercial and industrial customers based on meter size as follows:

Meter Size	Monthly Service Fee
3/4"	\$ 34.72
1"	69.44
1 1/2"	138.88
2"	277.76
3"	624.96
4"	1,319.36
6"	2,499.84

Monthly service fee does not apply to irrigation meters unless the account is for irrigation only.

**2.2.5 Monthly Water System Investment Fee**

All customers will pay a Monthly Water System Investment Fee of \$26.50 per TE, per month.

## 2.3 Multi-family, Commercial and Industrial Volume Charge (Water & Irrigation)

Meter Size	¾"	1"	1 ½"	2"	3"	4"	6"
Block Determination Chart							
Block 1 to	40,000	40,000	40,000	90,000	252,000	288,000	1,620,000
Block 2 from	40,001	40,001	40,001	90,001	252,001	288,001	1,620,001
Block 2 to	100,000	100,000	100,000	225,000	672,000	768,000	2,700,000
Block 3 from	100,001	100,001	100,001	225,001	672,001	768,001	2,700,001
Block 3 to	300,000	300,000	300,000	600,000	1,320,000	1,344,000	3,960,000
Block 4	>300,001	>300,001	>300,001	>600,001	>1,320,001	>1,344,001	>3,960,001
Fee per 1,000 gallons based on Block Determination							
Block 1	\$3.49	\$3.49	\$3.49	\$3.49	\$3.49	\$3.49	\$3.49
Block 2	\$4.36	\$4.36	\$4.36	\$4.36	\$4.36	\$4.36	\$4.36
Block 3	\$5.45	\$5.45	\$5.45	\$5.45	\$5.45	\$5.45	\$5.45
Block 4	\$6.82	\$6.82	\$6.82	\$6.82	\$6.82	\$6.82	\$6.82

## 2.4 FIRE PROTECTION SYSTEM STANDBY RATES

In order to provide infrastructure and reserve a component of capacity in ACWWA's system to provide water for fire protection; a monthly rate will be charged to all buildings that have private fire protection systems as follows:

<u>Tap Size</u>	<u>Monthly Rate</u>
3"	\$ 51.47
4"	\$102.95
6"	\$205.87
8"	\$411.75
10"	\$617.61
12"	\$823.48

## 2.5 CONSTRUCTION WATER

All construction water will be billed at the highest block rate.

Water consumption for all customers using ACWWA provided meters will be read and billed monthly.

ACWWA PROVIDED METERS ARE BILLED AS FOLLOWS\*:

### 3" Hydrant Meter:

Deposit	\$2,000
Water Rate	\$6.82 per 1,000 gal.

Minimum Monthly Charge \$246.00

**2” Hydrant Meter:**

Deposit \$2,000  
Water Rate \$6.82 per 1,000 gal.  
Minimum Monthly Charge \$175.00

**1” Hydrant Meter:**

Deposit \$1,000  
Water Rate \$6.82 per 1,000 gal.  
Minimum Monthly Charge \$104.00

If Water Rate based on volume exceeds Minimum Monthly Charge, then volume rate is charged. If volume rate does not exceed Minimum Monthly Charge, then Minimum Monthly Charge applies.

**2.6 EXTRATERRITORIAL TE WATER CHARGE**

\$15,000 Per TE or ACWWA’s projected water acquisition cost per TE, whichever is greater.

**SECTION 3: SEWER RATES**

**3.1 Single Family Residential Monthly Sewer Rates**

Single Family Residential customers that do not have a separate irrigation meter are billed a monthly service charge of \$18.20 and a volume charge of \$4.10 per 1,000 gallons based on the average of metered water usage for the period December through March.

**3.2 Multi-family Residential, Commercial, and Industrial Users Monthly Sewer Rates**

Multi Family Residential, Commercial, and Industrial Customers are billed a monthly service charge of \$40.10 per month and a volume charge of \$6.10 per 1,000 gallons of water usage per month.

### **3.3 CLASS 2B INDUSTRIAL/COMMERCIAL USER SURCHARGE**

CONSTITUENT/CHARACTERISTIC	LIMITS	SURCHARGE
BOD	> 300 mg/l	\$0.199/lb/
TSS	> 350 mg/l	\$0.299/lb
Flow	> 25,000 gal/day	\$2.00 per 1,000 gallons
pH	< 5.5 > 11	\$500.00/ per daily occurrence
Metals	> local limit	\$0.002574 / gal
Petroleum PHC (hydrocarbons)	> 10% LEL	\$1000.00 / occurrence

### **3.4 CLASS 2A INDUSTRIAL/COMMERCIAL USER FOG SURCHARGE**

FOG Amount	Surcharge Rate	Surcharge Per Pound (16)
0 -300 mg/l	Standard rate	0
301-400 mg/l	Rate A	\$0.075
401-500 mg/l	Rate B	\$0.15
500 + mg/l prohibited	Rate C	\$0.225

### 3.5 INSPECTION SCHEDULE AND FEES

Business activity	Industrial Class.	Permit Required	Permit Fee	Permit Renewal Fee and Schedule*	Inspection Fee**
Service	1	No	\$0	\$0	\$0
Retail	1	No	\$0	\$0	\$0
Hotel/motel/apt/condo	1	No	\$0	\$0	\$0
School preK-12/child care	1	No	\$0	\$0	\$0
Church	1	No	\$0	\$0	\$0
Const dewatering	1	No	\$0	\$0	\$0
Other type I business	1	No	\$0	\$0	\$0
Restaurants	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Gas station/fueling station	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Laundry Service	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Industrial laundries	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Dry Cleaners	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Landscapers/nurseries	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Warehouse/distribution	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
High capacity cooling	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Airport service	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Medical services	2 A	Yes	\$ 250	\$ 85 / 3yrs	\$65
Dental services	2 A	Yes	\$ 250	\$85 / 3yrs	\$65
Pools	2 A	Yes	\$ 250	\$ 85/ 3yrs	\$65
Printers	2 B	Yes	\$ 750	\$ 250/ 3yrs	\$65
Vehicle maint./repair	2 B	Yes	\$ 750	\$ 250/ 3yrs	\$65
Other type II activates	2 B	Yes	\$ 750	\$ 250/ 3yrs	\$65
laboratories	2 B	Yes	\$ 750	\$ 250/ 3yrs	\$65
Burial service	2 B	Yes	\$ 750	\$ 250 / 3yrs	\$65
Hospitals	3	Yes	\$ 1700	\$575/ 3yrs	\$65
Transportation equipment cleaning	3	Yes	\$ 1700	\$575/ 3yrs	\$65
Paving roofing materials ( tars & asphalts)	3	Yes	\$ 1700	\$575/ 3yrs	\$65
Photographic	3	Yes	\$ 1700	\$575/ 3yrs	\$65
<b>SIU's</b>	3	Yes	\$ 1700	\$575/ 3yrs	\$65

\* - permits where required must be renewed every three (3) years

\*\* - cost of analysis not included, customer billed separately for analysis

## **SECTION 4: STORMWATER FEES**

### **4.1 *Regional Stormwater System Development Fees***

The current Regional Stormwater Development Fee (SDF) is \$14,540 per impervious acre.

## **SECTION 5: OTHER FEES AND CHARGES POLICY**

### **5.1 *Delinquent Charges and Fees:***

All delinquent fees and charges will be assessed interest at the rate of one (1%) percent per month, as allowed by Section 31-35-402 (f), C.R.S. plus all costs and attorneys fees associated with the collection of delinquent charges and fees.

### **5.2 *Returned Check Fee:***

Any check or other negotiable instrument tendered to ACWWA for payment, which is returned to ACWWA and dishonored for any reason whatsoever, shall be subject to a \$35 return check fee.

### **5.3 *Turn-Off-Service Fee:***

Whenever service is turned off, either for voluntary reasons such as vacation or vacancy of rental property, or involuntary reasons such as delinquency of payment or violation of ACWWA's Rules and Regulations, a turn-off-service fee of \$75 will be charged.

### **5.4 *Turn-On-Service Fee:***

A turn on service fee of \$75 will be charged prior to service being connected when ACWWA has previously turned off service for involuntary reasons. All past due outstanding charges shall be paid prior to turn-on.

## SECTION 6 - MISCELLANEOUS FEES AND CHARGES

Fee / Charge		
Board Packet	0.25	Per page
Copy of Rules and Regulations	0.25	Per page
Copy of Appendix A	0.25	Per page
Wide Format Plans	7.00	Per page
Copy of Authority Master Plans	80.00	Per plan
Document Copies	.25	Per page
<b>Public Records Research</b>		
	As listed	Per hour (rounded up to the nearest ½ hour)
Technical Services Staff	hourly rate & benefits	Per hour
Operations/Plant Staff	hourly rate & benefits	Per hour
Administrative Staff	hourly rate & benefits	Per hour
Management	hourly rate & benefits	Per hour
Legal / Contractor	At cost	
<b>Turn-Off Fee</b>		
Turn-Off Fee	75.00	Each
<b>Turn-On Fee</b>		
Turn-On Fee	75.00	Each
<b>Owner / Permit Transfer Fee</b>		
Owner / Permit Transfer Fee	40.00	Each
<b>Return Check Fee</b>		
Return Check Fee	35.00	Each
<b>Water Service Line Inspections (including meter installation)</b>		
Water Service Line Inspections (including meter installation)	320.00	Each
<b>Sewer Service Line Inspections</b>		
Sewer Service Line Inspections	200.00	Each
<b>Fire Line Inspections</b>		
Fire Line Inspections	500.00	Each
<b>Meter Re-set / Re-inspection Fee</b>		
Meter Re-set / Re-inspection Fee	60.00	Each
<b>Missed Appointment Fee</b>		
Missed Appointment Fee	60.00	Each
<b>Clear Water Test Fee (includes first chlorine test)</b>		
Clear Water Test Fee (includes first chlorine test)	100.00	For the first 1200 linear ft. \$45 for each additional 1200 linear ft. or fraction thereof
<b>Chlorine Test Fee</b>		
Chlorine Test Fee	55.00	Each
<b>Penalty for Unauthorized Water or Sewer Connection or Use</b>		
Penalty for Unauthorized Water or Sewer Connection or Use	1,000.00	Maximum-minimum as determined
<b>Water Waste / Violation of Conservation Orders</b>		
Water Waste / Violation of Conservation Orders	50.00	1 <sup>st</sup> offense
	100.00	2 <sup>nd</sup> offense
	500.00	Each following offense
<b>Plan Review Fee – Tenant Finish</b>		
Plan Review Fee – Tenant Finish	1,000.00	
<b>Imprest Account Deposit</b>		
Imprest Account Deposit	7,000.00	
<b>Non-potable water warning signs &amp; labels</b>		
Non-potable water warning signs & labels	At cost	