

APPENDIX “A”
Effective January 1, 2018

SECTION 1: WATER AND SEWER TAP FEES

1.1 WATER AND SEWER TAP FEES - SINGLE FAMILY RESIDENTIAL

TAP FEE

<u>Type of Development</u>	<u>for water and sewer tap(s)</u>
Single Family – detached and attached	\$ 34,647
Duplex	\$ 69,294

This includes an allowance for lawn irrigation of up to 3,000 square feet for a single-family unit and 6,000 square feet total for a duplex. 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, 2018 is as follows:

- \$ 26,990.00 per T.E. for potable water service
- \$ 26,990.00 per T.E. for non-potable water service
- \$ 7,657.00 per T.E. for sewer service

Tap fees for commercial and industrial developments shall be based upon the tap size determined in accordance with Section 1.3.

Tap fees for multi-family developments shall be based upon the requirement of 0.28 T.E.’s per unit in the townhome, condominium, or apartment building.

Tap fees for irrigation of all landscaped areas shall be based upon the tap size and the annual water demands determined in accordance with Section 1.4. A separate water meter and service line shall be installed on commercial, industrial, and multi-family developments.

Tap fees are based upon an annual allocation of water of 0.5 acre-foot per T.E. Tap fees for potable water use (excludes irrigation) at commercial, industrial, and multi-family developments and other in-house water uses which are expected to exceed the 0.5 acre-foot per T.E. annual allocation or are expected to return to the wastewater system less than 50% of the water supplied will be reasonably determined on a case-by-case basis.

1.3 PROCEDURE FOR ESTIMATING COMMERCIAL AND INDUSTRIAL 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 4.2, page 36 of the AWWA M22 Manual, 2004 second edition. Figure 4.2 or 4.3, page 27 of AWWA M22 will be used to determine the demand of the combined fixture value.

All commercial and industrial buildings must use the higher curve on Figure 4.2 or 4.3 to determine the demand of the combined fixture value to get the peak flow in gpm. Supply/demand adjustments will be made based on the delivery pressure at the tap location, Table 4.1 page 35 AWWA M22. Meter size will be selected from Table 6.1 or 6.2, page 62 AWWA M22 utilizing 80 percent of the maximum capacity of the meter. The service line size will be based on the peak flow calculated above and a maximum velocity of 10 feet per second. The tap on the mainline, service line between the mainline and the meter, and the meter must all be the same size. Turbine-Type Meters will not be allowed for purposes of determining tap equivalents in Table 6.1 AWWA M22.

The following table is used to equate the meter size to the maximum capacity allowed for that meter size. In addition, for commercial and industrial uses, 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.

METER SIZE (Inches)	MAXIMUM CAPACITY(GPM)	TAP EQUIVALENT
¾	14	1
1	24	2
1 ½	55	4
2	98	8
3	220	18
4	392	38
6	881	72

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 ½” 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 acceptable 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, 2004 second edition.

If the area calculations suggest that the annual water consumption will exceed the water supply associated with the tap size, a water resource fee will apply based on the excess acre-footage above the annual allocation of the approved meter size.

Taps should be sized based on meeting plant water requirements when water restrictions limit outdoor irrigation to 3 days a week and 16 hours a day (6 pm to 10 am).

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.

1.6 RECREATIONAL VEHICLE SITE DISCHARGE TAP FEES

In determining the number of TE's needed for a Recreational Vehicle ("RV") Discharge Site, a monthly discharge volume of 5,400 gallons will be allocated for each sewer T.E. purchased.

SECTION 2: WATER, IRRIGATION & FIRE PROTECTION SYSTEM FEES

2.1 Single Family Residential Rates and Fees

There will be a monthly service fee of \$39.67 plus a monthly volume charge per 1,000 gallons as follows:

Usage gal/mo.	From	To	Rate
Block 1	0	4,000	\$3.84
Block 2	4,001	10,000	\$4.79
Block 3	10,001	30,000	\$6.00
Block 4	30,001	Above 30,001	\$7.50

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"	\$43.12
1"	\$86.21
1 1/2"	\$172.42
2"	\$344.85
3"	\$775.95
4"	\$1,638.10
6"	\$3,103.76

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	\$4.41	\$4.41	\$4.41	\$4.41	\$4.41	\$4.41	\$4.41
Block 2	\$5.52	\$5.52	\$5.52	\$5.52	\$5.52	\$5.52	\$5.52
Block 3	\$6.90	\$6.90	\$6.90	\$6.90	\$6.90	\$6.90	\$6.90
Block 4	\$8.64	\$8.64	\$8.64	\$8.64	\$8.64	\$8.64	\$8.64

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>
2"	\$ 23.35
3"	\$ 52.50
4"	\$105.01
6"	\$209.99
8"	\$419.99
10"	\$629.96
12"	\$839.95

2.5 CONSTRUCTION WATER

All meters connecting to the ACWWA system must be authorized by ACWWA. All construction water will be billed at the highest block rate. Rental fees will not be pro-rated and will be charged each billing cycle.

ACWWA PROVIDED HYDRANT METERS ARE BILLED AS FOLLOWS:

3" Hydrant Meter:

Deposit	\$2,000
Water Rate	\$8.64 per 1,000 gal.
Monthly Hydrant Meter Rental Fee	\$300.00

2” Hydrant Meter:

Deposit	\$2,000
Water Rate	\$8.64 per 1,000 gal.
Monthly Hydrant Meter Rental Fee	\$196.00

1” Hydrant Meter:

Deposit	\$2,000
Water Rate	\$8.64 per 1,000 gal.
Monthly Hydrant Meter Rental Fee	\$121.00

Water consumption will be read and billed monthly. **Meters will be read around the 20th of each month.** A \$250 penalty plus an additional \$25 will be assessed per day if the meter is not available at the registered job site for the monthly reading by an ACWWA employee.

There will be a \$75 inspection fee charged on each meter when it is returned. Any damage to the meter will be charged to the customer.

2.6 EXTRATERRITORIAL TE WATER CHARGE

ELKHORN RANCH SINGLE FAMILY HOME DEVELOPMENT

Elkhorn Ranch is an extraterritorial water service area for ACWWA that is subject to the extraterritorial water charge. The agreement for the Elkhorn Ranch service area is a 50% surcharge for the standard water tap fee charge with an additional \$3,940 fee as designated in the original Elkhorn Ranch/ACWWA Water service agreement. The total water tap fee charge is \$ 44,425 for 2018.

SECTION 3: SEWER RATES

3.1 Single Family Residential Monthly Sewer Rates

All Single Family Residential customers are billed a monthly sewer service charge of \$19.99 and a volume charge of \$5.00 per 1,000 gallons. Monthly Sewer Volume Charges for residential customers that do not have a separate irrigation meter is based on the average of metered water usage for the period December through March. Residential customers that have a separate irrigation meter will be charged based on the actual metered water usage.

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

Multi-Family Residential, Commercial, Industrial and Wholesale customers are billed a monthly sewer service charge of \$47.89 and a sewer volume charge of \$7.42 per 1,000 gallons of water usage per month.

3.3 Recreational Vehicle Waste Discharge Monthly Sewer Rates

Recreational Vehicle Waste Discharge Sites are billed as described in Section 3.2. Each discharge site will be allocated an average of 30 gallons per discharge and will be billed at monthly rate equal to the maximum volume allocated per TE purchased. The monthly discharge shall not exceed the allocated gallons per T.E.

Tap Equivalency Monthly Billing					
TEs =	1	2	3	4	5
Gallons/day =	180	360	540	720	900
Gallons/Month =	5400	10800	16200	21600	27000
Monthly Sewer Volume/1000 gals =	\$40.05	\$80.09	\$120.13	\$160.17	\$200.22
Monthly Sewer Service Charge =	\$47.89	\$47.89	\$47.89	\$47.89	\$47.89
Total Monthly Sewer Charge =	\$87.94	\$127.98	\$168.02	\$208.06	\$248.11

3.4 CLASS 2B INDUSTRIAL/COMMERCIAL USER SEWER 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

3.5 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

3.6 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
SIU's	3	Yes	\$ 1700	\$575/ 3yrs	\$65
<p>* - permits where required must be renewed every three (3) years ** - cost of analysis not included, customer billed separately for analysis</p>					

SECTION 4: STORMWATER FEES

4.1 Regional Stormwater System Development Fees

Effective January 1, 2011, ACWWA no longer collects Stormwater System Development Fees.

SECTION 5: OTHER FEES AND CHARGES POLICY

5.1 Delinquent Charges and Fees:

All delinquent fees and charges will be assessed a penalty 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. The penalty will be the lesser of 25% or \$15.00 of the past due amount, per month for residential customers; and the lesser of 10% or \$250.00 of the past due amount, per month, for Non-Residential customers.

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 \$50 will be charged.

5.4 Turn-On-Service Fee:

A turn on service fee of \$50 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.

5.5 Account Transfer Fee:

A service fee of \$100.00 will be charged for transferring accounts. The fee must be paid before the old account is closed and the new account is opened.

5.6 Duplicate Bills:

ACWWA will mail a bill to the owner listed for the property. Additional bills requested by the Owner will be assessed a \$1.00 fee per added bill per month.

5.7 Transfer of Ownership:

It is the responsibility of the title company and the customer to make sure any outstanding balances are paid before an account is transferred.

ACWWA will not get involved in any disputes that arise between customers and the title companies due to the title company's failure to collect and remit the final amount due.

Water service and charges follow the property. Properties are subject to a lien if balances go unpaid. If a property is liened, a lien release fee will be charged to the account.

If there is an outstanding balance on the old account and the title company fails to submit that balance, it will become the liability of the new account and will be transferred to the new account.

Any unclaimed funds on final accounts will be submitted to the State Unclaimed Funds Department.

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
ACWWA Staff		
ACWWA Staff (During Business hours)	50.00	Per hour
ACWWA Staff (After hours)	75.00	Per hour
ACWWA Management	75.00	Per hour
CORA Request / Public Records Research	30.00	Per hour after the first hour (rounded to the nearest ¼ hour)
Legal / Contractor	At cost	
Other Fees		
Duplicate Bill	1.00	Each
Termination Notification	15.00	Each
Penalty – Residential	Lesser of 25% or 15.00	of past due amount
Penalty – Non-Residential	Lesser of 10% or 250.00	of past due amount
Turn-Off Fee	50.00	Each
Turn-On Fee	50.00	Each
Account / Permit Transfer Fee	100.00	Each
Return Check Fee	35.00	Each
Service Line Inspections		
Water Service Line Inspections	320.00	Each (includes meter installation)
Sewer Service Line Inspections	200.00	Each

Fire Line Inspections	500.00	Each
Meter Re-set / Re-inspection Fee	60.00	Each
Backflow Test	75.00	Each
Missed Appointment Fee	60.00	Each
Clear Water Test Fee (includes first chlorine test)	100.00	First 1200'. \$45 for each additional 1200'.
Chlorine Test Fee	55.00	Each
Penalty for Unauthorized Water or Sewer Connection or Use	1,000.00	Maximum-minimum as determined
Water Waste / Violation of Conservation Orders	50.00	1 st offense
	100.00	2 nd offense
	500.00	Each following offense
Plan Review Fee – Tenant Finish	1,000.00	
Imprest Account Deposit	7,000.00	
Non-potable water warning signs & labels	At cost	
Water Resource Fee	39,958	Per acre foot
	19,979	Per TE