

ARCH CAPE DOMESTIC WATER SUPPLY DISTRICT

RESOLUTION 16-04 WD

A RESOLUTION REVISING SYSTEM DEVELOPMENT CHARGES (SDC) / EQUIVALENT DOMESTIC UNIT (EDU) FEES FOR THE ARCH CAPE DOMESTIC WATER SUPPLY DISTRICT (the "District")

Whereas, the District adopted Ordinance 98-4 WD establishing a System Development Charge methodology and rates; and

Whereas, Section 4B of the ordinance provides for adoption of SDC rates by resolution; and

Whereas, it is felt prudent to update those charges to more properly reflect changes through investment in District infrastructure and current cost indices; and

Whereas, it is determined that one SDC is equal to one Equivalent Domestic Unit (EDU);

NOW, THEREFORE, be it resolved the ARCH CAPE DOMESTIC WATER SUPPLY DISTRICT hereby revises its System Development and Connection Charge in accordance with those calculations provided by consulting engineers Curran-McLeod, Inc. contained in the attached document entitled "Arch Cape Water District 2016 Annual SDC Update" as follows:

Improvement Fee	\$1,151
Reimbursement Fee	\$3,880
Administrative Fee	<u>\$ 50</u>
Total SDC/EDU Charge	\$5,081
Connection Charge – ¾"	\$ 700

Adopted and signed this 11th day of March 2016.

Attest

Sing Hill



Virginia Birkby, President

**ARCH CAPE WATER DISTRICT
2016 ANNUAL SDC UPDATE**

**WATER DISTRIBUTION SYSTEM
VALUE OF CONSTRUCTION CREDITS
February 2016 ENR CCI 10,181**

LINE SIZE	8"	10"	12"
CONSTRUCTION COST	\$51/lf	\$57/lf	\$65/lf
OFF-SITE CREDIT	\$51/lf	\$57/lf	\$65/lf
OVERSIZE CREDIT	\$0	\$6/lf	\$14/lf

**ARCH CAPE WATER DISTRICT
WATER SYSTEM CAPITAL IMPROVEMENT PLAN
February 2016 ENR CCI 10,181**

No.	Project	2016 Estimated Cost	Schedule
1.	Water Source Acquisition Assessment	\$21,500	1-5 Yrs.
2.	Water Source: Well / Land Acquisition / Pipeline Easements	\$80,000	1-5 Yrs.
3.	Storage Planning & Preliminary Design	\$20,000	6-10 Yrs.
4.	South Storage Reservoir Construction	\$262,000	11-20 Yrs.
5.	WTP Membrane Replacement	\$55,000	11-20 Yrs.
6.	Distribution System Upsizing	\$27,500	1-20 Yrs.
7.	Planning & SDC Compliance	\$29,000	1-20 Yrs.
	TOTAL IMPROVEMENTS	\$495,000	---

IMPROVEMENT FEE = TOTAL CIP COST / EDU CAPACITY
IMPROVEMENT FEE = \$495,000 / 430 EDU

IMPROVEMENT FEE = \$1,151 per EDU

**ARCH CAPE WATER DISTRICT
WATER SYSTEM REIMBURSEMENT FEE
EXISTING IMPROVEMENTS SUMMARY & CAPACITY
February 2016 ENR CCI 10,181**

Utility Element	Current Value	Less Grant & Debt Funding	Net Value Remaining	Capacity EDUs
Dichter Creek Water Right Source	\$28,400	\$0	\$28,400	430
Asbury Creek Intake	\$321,400	\$0	\$321,400	430
Shark Creek Intake & Supply Line	\$88,500	\$0	\$88,500	430
Original Water Treatment Plant Facility	\$225,800	\$0	\$225,800	430
2010 WTP & Distribution System Improvements	\$1,666,700	\$1,086,000*	\$580,700	430
Reservoir Number 2	\$499,600	\$75,900**	\$423,700	430
TOTALS	\$2,830,400	\$1,161,900	\$1,668,500	---

* Less IFA Grant of \$629,000 and 2016 outstanding loan value of \$457,000.

** Remaining loan principal January 2016 of \$75,927.

$$\begin{aligned}
 \text{REIMBURSEMENT FEE} &= \text{NET VALUE / EDU CAPACITY} \\
 \text{REIMBURSEMENT FEE} &= \mathbf{\$1,668,500 / 430 \text{ EDU}} \\
 \text{REIMBURSEMENT FEE} &= \mathbf{\underline{\$3,880 \text{ per EDU}}}
 \end{aligned}$$

**ARCH CAPE WATER DISTRICT
WATER SYSTEM SDC FEE SCHEDULE
February 2016 ENR CCI 10,181**

	EDU FACTOR	IMPROVEMENT FEE	REIMBURSEMENT FEE	ADMIN FEE (1%)	TOTAL SDC
Single Family Residential:					
Per Unit	1	\$1,151	\$3,880	\$50	\$5,081
Commercial Development:					
METER SIZE	EDU FACTOR	IMPROVEMENT FEE	REIMBURSEMENT FEE	ADMIN FEE (1%)	TOTAL SDC
3/4"*	1	\$1,151	\$3,880	\$50	\$5,081
1"	2.5	\$2,877	\$9,700	\$126	\$12,702

* Includes 5/8" x 3/4" and 3/4" x 3/4" meters