

**PINE CREEK CANYON DOMESTIC WATER IMPROVEMENT DISTRICT
APPROXIMATE VOLUME AND COST OF WATER LEAKS**

TYPE OF LEAK	Leak Diameter @ 60 PSI line pressure *	Gallons Per Minute (GPM)	Gallons Per Day (GPD) or period designated	Customer's Estimated Daily Cost of Leak (\$) **
1/16" hole	●	0.5710	822	\$3.28
1/8" hole	●	2.2840	3,289	\$13.15
3/16" hole	●	5.1389	7,400	\$44.40
1/4" hole	●	9.1165	13,128	\$118.15
1/2" hole	●	42.2917	60,900	\$913.50
Dripping faucet		0.0104	15	\$0.06
Leaking toilet		0.5000	720	\$2.88
Drip Irrigation		10.0000	14,400	\$158.40
Watering garden for 2 hours @ 5 GPM		5.0000	600	\$2.40
Watering garden for 2 hours @ 10 GPM		10.0000	1,200	\$4.80
Unattended water hose for 8 hours overnight @ 10 GPM		10.0000	4,800	\$19.20
Broken water service line @ 15 GPM		15.0000	21,600	\$216.00
Stuck icemaker		2.0772	2,991	\$11.96
Stuck check valve in washing machine		8.0000	11,520	\$103.68

* Assumes pipe is exposed to the atmosphere 1440 minutes per day.

** At excess gallon rates