

Update to Division 4 Chapter 86 – Impact Fee Ordinance of the City of San Marcos

Purpose:

- Update the methodology for the calculation of a Living Unit Equivalent or LUE with the update in the Water and Wastewater Impact Fee rates

Context & History:

- Current ordinance language based upon meter size and equivalent LUE's.
- Improvements in meter technology provide for higher flows through meters.
- Results in under estimation of new development LUE's.
- Analysis of City AMR data to develop new methodology

Current Ordinance

Meter Size	Current Ordinance Standard Flow (GPM)	LUEs by Meter Size	NEW Operational Flow (GPM)
5/8"	10	1	16
3/4"	15	1.5	24
1"	25	2.5	40
1-1/2"	20	5	160
2"	80	8	160
3"	160	16	400
4"	250	25	800
6"	500	50	1600
8"	800	80	2700
10"		115	4000

Recommendation:

- Revise LUE calculation methodology to calculated flow ranges.
- LUE's based upon our system data and de-couples meter technology improvements.
- AWWA M-22 for fixture count values and associated demand.
- On-line tools for development's use.

Calculated Peak Water Flow (gpm)	NEW LUE's by Flow
1 to 10	1.0
> 10 to 15	2.0
> 15 to 25	4.0
> 25 to 50	6.0
> 50 to 80	8.5
> 80 to 160	32.5
> 160 to 250	64.5
> 250 to 500	104.0
> 500	150.0