



Water Tap Fee Update

January 12, 2026

R RAFTELIS

Lee's Summit Water Utilities is dedicated to providing reliable water and sanitary sewer services responsibly and efficiently for the health and safety of our community with exceptional customer service, integrity and pride.

Status

Water Tap Fee Analysis

Proposed Fee Schedule

Neighboring Community Comparison

Questions

Status of Water Taps

System Planning Data				
Equivalent Unit Calculation				
Average Equivalent Unit Consumption	221	average gallons per day/ERU		
Max Day Multiplier	2.2			
Max Day Equiv. Unit Consumption	486	peak gallons per day/ERU		
Equivalent Residential Units - Existing	43.50	486	89,469	
Equivalent Residential Units - Future	19.89	486	40,919	
Equivalent Residential Units	63.39			

FY25

- Consumed **621** ERU's
- Revenue generated **\$2,958,588**

Meter Size	Meter Type	Connections	Equivalent Residential Units	Total Residential Equivalents
5/8" x 3/4"	Displacement	314	1.00	314.0
3/4"	Displacement	5	1.67	8.3
1"	Displacement	20	2.67	53.3
1 1/2"	Displacement	5	3.33	16.6
2"	Displacement	28	6.67	186.6
2"	Compound	2	10.67	21.3
3"	Compound	1	21.33	21.3
				621.4

Summary of Capital Improvement Plan



Capital Improvement Projects	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	Future	Total Project Cost
Water Source of Supply													
KC Supply - Harrisonville	\$3,810,796	\$234,510	\$234,510	\$175,883	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,455,699
KC Supply - M150 Connection	0	0	0	750,000	0	0	0	0	0	0	0	4,750,000	5,500,000
KC Supply - Phase IV	800,000	0	0	7,660,000	6,860,000	0	0	0	0	0	0	0	15,320,000
Total	\$4,610,796	\$234,510	\$234,510	\$8,585,883	\$6,860,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,750,000	\$25,275,699
Water Storage													
Low Head Storage	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,270,000	\$19,270,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,270,000	\$19,270,000
Transmission													
SE System Improvements - Hamblen	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,739,000	\$2,739,000
SE System Improvements - 291 to Hamblen	0	0	0	0	0	0	315,000	2,269,000	0	0	0	0	2,584,000
Colbern Rd - US350 to Douglas	1,676,000	0	0	0	0	0	0	0	0	0	0	0	1,676,000
Hook Road - Tower to 291	0	0	0	0	702,000	5,408,000	0	0	0	0	0	0	6,110,000
Pryor Road (Scherer to Longview)	1,925,000	0	0	0	0	0	0	0	0	0	0	0	1,925,000
NE System Improvements - Todd George Rd (Colbern to Strother)	0	0	0	0	0	0	0	0	0	0	0	1,539,000	1,539,000
NE System Improvements - Todd George Rd (Strother/Woods)	0	0	0	0	0	0	0	0	0	0	0	1,455,000	1,455,000
Total	\$3,601,000	\$0	\$0	\$0	\$702,000	\$5,408,000	\$315,000	\$2,269,000	\$0	\$0	\$0	\$5,733,000	\$18,028,000
System Upsizing													
Water Main – View High Longview Golf to Chipman Upsize	\$337,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$337,000
Water Main - Lakewood Way - Ridgewood to Bowlin Rd Upsize	466,000	0	0	0	0	0	0	0	0	0	0	0	466,000
Upsizing (5 year estimate)	0	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	0	2,700,000
Upsizing (10 year estimate)	0	0	0	0	0	0	0	0	0	0	0	4,987,000	4,987,000
Upsizing (20 year estimate)	0	0	0	0	0	0	0	0	0	0	0	8,301,000	8,301,000
Total	\$803,000	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$13,288,000	\$16,791,000
Total Water System Plan	\$9,014,796	\$234,510	\$534,510	\$8,885,883	\$7,862,000	\$5,708,000	\$615,000	\$2,569,000	\$300,000	\$300,000	\$300,000	\$43,041,000	\$79,364,699

Water Tap Fees



Water Tap Fee Calculation Results

	Total Plant (\$ / 1,000)	Total ERUs	Existing \$/ERU	Future Plant (\$ / 1,000)	Future ERUs	Future \$/ERU	Tap Fee \$/ERU
Source of Supply	\$64,341	89,469	\$1,088	\$25,654	89,469	\$745	\$1,833
Storage	33,434	89,469	\$374	20,595	15,404	1,337	1,711
Transmission/Distribution	<u>2,094</u>	89,469	<u>\$23</u>	<u>26,651</u>	40,919	<u>651</u>	<u>674</u>
Total	\$99,870		\$1,485	\$72,900		\$2,733	\$4,218
Tap Fee			\$1,485			\$2,733	\$4,218
Current Fee							\$4,080
Difference							\$138

- Fee increase of \$138 or 3.4%

Proposed Water Tap Fees

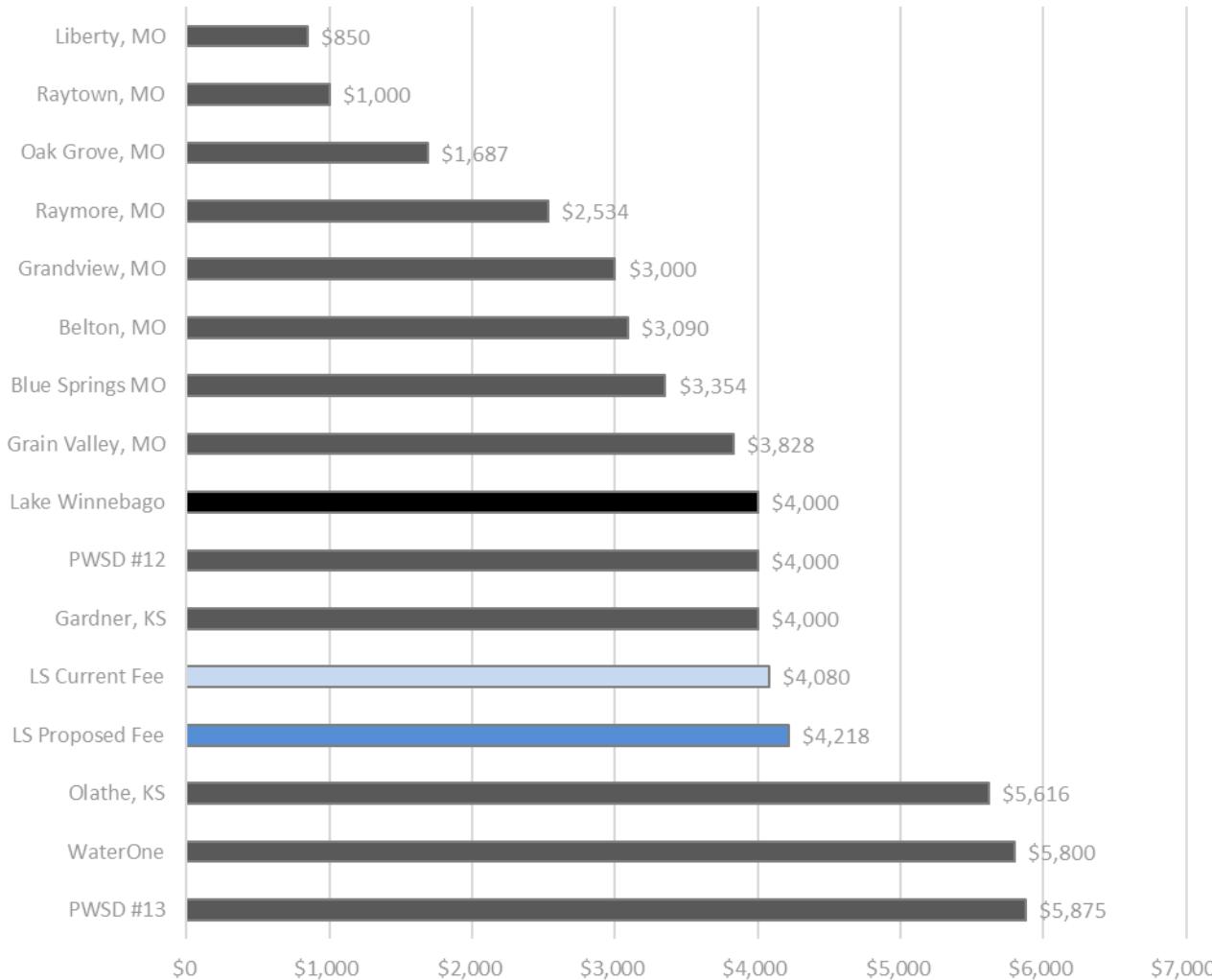


Meter Size	Meter Type	Meter Capacity ² (gpm)	Capacity Multiplier ³ (CM)	Current Tap Fee ⁴	Calculated Tap Fee	\$ Change
5/8" x 3/4"	Displacement	15	1.0000	\$4,080	\$4,218	\$138
3/4"	Displacement	25	1.6667	6,800	7,030	230
1"	Displacement	40	2.6667	10,880	11,250	370
1 1/2"	Displacement	50	3.3333	13,600	14,060	460
2"	Displacement	100	6.6667	27,200	28,120	920
2"	Compound	160	10.6667	43,520	44,995	1,475
3"	Compound	320	21.3333	87,040	89,985	2,945
4"	Compound	500	33.3333	136,000	140,605	4,605
6"	Compound	1,000	66.6667	272,000	281,205	9,205
8"	Compound	1,600	106.6667	435,200	449,930	14,730
10"	Compound	2,300	153.3333	625,600	646,775	21,175

Water Tap Fee - Comparison



Neighboring Water Tap Fee Comparison





Questions

Proposed WUAB Motion



I move to recommend City Council approval to amend water tap fee and fee schedule effective July 1, 2025.