

WATER TAP FEE CALCULATION

Staff Recommendation - Growth FY20 = 585 ERU's

FY 2020 Fee Adjustment = 2.0%

Future Fee Adjustments = 1.0% / yr

ASSUMPTIONS

Tap Fee Adjustment Proposed Year	Tap Fee Adjustment Annual	System Improvement Costs (TC)	Estimated Debt Service Rate (i)	Equivalent Units Served Cap. Project (N)	Estimated Interest Inc. Rate	Construction Estimated Inflation Rate
2.00%	1.00%	\$ 78,386,867	5.25%	22,601	1.00%	2.50%

PROJECTED ANNUAL EQUIVALENT UNITS

PROJECTED TAP FEE \$ 3,343 \$ 3,409 \$ 3,477 \$ 3,512 \$ 3,547 \$ 3,582 \$ 3,618 \$ 3,654

2,250 628 -
\$ 3,766 \$ 3,655 \$ 3,691

Fiscal Year

PRIOR YEARS	2018 ACTUAL	2019	2020	2021	2022	2023	2024	2025
14,511	16,133	16,739	17,323	17,852	18,346	18,816	19,273	19,723

2030	2035	2040	Total
2,250	628	0	

REVENUES:

Bond Proceeds	5,510,000								
KC Share of South Terminal	4,053,913								
KC Financing of Phase I	6,326,065								
Interest Income	3,758,735	46,156	83,795	46,580	32,454	45,253	56,884	67,693	77,177
Other Revenue	81,569	651							
Tap Fees	43,419,695	1,664,358	2,065,956	2,033,002	1,856,759	1,752,289	1,683,576	1,652,232	1,644,300
Base Charge	3,300,010								
TOTAL REVENUE	66,449,986	1,711,165	2,149,752	2,079,582	1,889,214	1,797,542	1,740,459	1,719,925	1,721,477

-	-	-	5,510,000
-	-	-	4,053,913
-	-	-	6,326,065
532,705	898,711	307,427	5,953,572
-	-	-	82,220
8,472,600	2,442,954	-	68,687,721
-	-	-	3,300,010
9,005,305	3,341,665	307,427	93,913,500

EXPENSES:

Capital Projects	44,376,851	953,264	5,450,777	3,073,510	384,510	634,510	659,510	771,510	1,922,510
Debt Service	-								
KCMO payment for Phase I	1,090,065								
KCMO - Refinance	6,861,103								
Other Debt	259,428								
Debt Service 2002/2012 Bonds	6,039,876	416,026	420,515	418,637	224,808	-	-	-	-
Short-Term Debt Service	-	-	-	-	-	-	-	-	-
TOTAL EXPENSES	58,627,323	1,369,290	5,871,292	3,492,147	609,318	634,510	659,510	771,510	1,922,510

667,912	100,000	19,392,000	78,386,867
-	-	-	1,090,065
-	-	-	6,861,103
-	-	-	259,428
-	-	-	7,519,862
-	-	-	-
667,912	100,000	19,392,000	94,117,325

Revenues over/(under) Expenses 7,822,664 341,874 (3,721,540) (1,412,566) 1,279,895 1,163,032 1,080,949 948,415 (201,033)

8,337,394 3,241,665 (19,084,573) (203,825)

Beginning Balance 215,000 8,037,664 8,379,539 4,657,998 3,245,433 4,525,328 5,688,360 6,769,308 7,717,723

7,516,690 15,854,083 19,095,748 215,000

Ending Balance 8,037,664 8,379,539 4,657,998 3,245,433 4,525,328 5,688,360 6,769,308 7,717,723 7,516,690

15,854,083 19,095,748 11,176 11,175