Cash Flow Analysis Model

Combined

PWD Cost of Service Rate Study

April 18, 2022

2021 Settlement

TABLE C-1: PROJECTED REVENUE AND REVENUE REQUIREMENTS Base and TAP-R Surcharge Rates (in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,					
		2021	2022	2023	2024	2025	2026
	OPERATING REVENUE						
1	Water Service - Existing Rates	256,215	266,656	269,813	272,813	270,500	268,191
2	Wastewater Service - Existing Rates	411,294	427,613	433,417	438,954	436,238	433,537
3	Total Service Revenue - Existing Rates	667,509	694,269	703,229	711,766	706,738	701,727
J	Additional Service Revenue Required	33.,333	00 .,_00	, 00,==0	. ==,,	700,100	, = 1, = 1
	Percent Months						
	<u>Year</u> <u>Increase</u> <u>Effective</u>						
4	FY 2021 0.00% 10	-	-	-	-	-	-
5	FY 2022 1.83% 10		10,411	12,901	13,058	12,966	12,875
6	FY 2023 5.83% 10			34,110	42,232	41,935	41,639
7	FY 2024 7.03% 10				44,100	53,564	53,186
8	FY 2025 7.24% 10					48,219	58,567
9	FY 2026 7.69% 10						54,541
10	Total Additional Service Revenue Required	-	10,411	47,011	99,390	156,685	220,807
11	Total Water & Wastewater Service Revenue	667,509	704,679	750,241	811,157	863,423	922,535
	Other Income (a)						
12	Other Operating Revenue	38,160	21,719	21,638	21,561	21,484	21,408
13	Debt Reserve Fund Interest Income	-	-	-	-	-	-
14	Operating Fund Interest Income	1,096	1,230	1,249	1,337	1,368	1,405
15	Rate Stabilization Interest Income	1,322	1,088	982	928	930	930
16	Total Revenues	708,087	728,716	774,110	834,982	887,205	946,277
	OPERATING EXPENSES						
17	Total Operating Expenses	(521,015)	(517,470)	(533,064)	(547,538)	(561,001)	(574,942)
	NET REVENUES						
18	Transfer From/(To) Rate Stabilization Fund	36,664	10,131	11,554	(211)	260	330
19	NET REVENUES AFTER OPERATIONS	223,736	221,376	252,600	287,233	326,463	371,665
	DEBT SERVICE		_				
	Senior Debt Service						
	Revenue Bonds	(1	((,,,,,,,,)	((()
20	Outstanding Bonds	(175,726)	(163,516)	(164,558)	(151,302)	(151,438)	(152,439)
21	Pennvest Parity Bonds	(10,651)	(10,885)	(11,067)	(14,864)	(14,864)	(15,182)
22	Projected Future Bonds	-	(8,000)	(30,798)	(69,165)	(101,665)	(138,056)
23	Commercial Paper	-	(2,000)	(4,000)	(4,000)	(4,000)	(4,000)
24	Total Senior Debt Service	(186,377)	(184,401)	(210,423)	(239,331)	(271,967)	(309,677)
25	TOTAL SENIOR DEBT SERVICE COVERAGE (L19/L24)	1.20 x	1.20 x	1.20 x	1.20 x	1.20 x	1.20 x
26	Subordinate Debt Service	-	-	-	-	-	-
27	Transfer to Escrow	-	-	-	-	-	<u>-</u>
28	Total Debt Service on Bonds	(186,377)	(184,401)	(210,423)	(239,331)	(271,967)	(309,677)
29	CAPITAL ACCOUNT DEPOSIT	(27,833)	(29,447)	(31,155)	(32,962)	(34,874)	(36,896)
30	TOTAL COVERAGE (L19/(L24+L26+L29))	1.04 x	1.03 x	1.04 x	1.05 x	1.06 x	1.07 x
21	RESIDUAL FUND	16 261	15.042	15.020	15 002	15.093	15.056
31 32	Beginning of Year Balance Interest Income	16,261 156	15,042 150	15,020 150	15,092 150	15,083	15,056 150
32	Plus:	150	150	150	150	150	150
33	End of Year Revenue Fund Balance	9,526	7,529	11,022	14,941	19,623	25,091
34	Deposit for Transfer to City General Fund (b)	1,855	1,839	2,037	2,351	2,694	3,041
34	Less:	1,055	1,033	2,037	2,331	2,034	3,041
35	Transfer to Construction Fund	(10,900)	(7,700)	(11,100)	(15,100)	(19,800)	(25,200)
36	Transfer to City General Fund	(1,855)	(1,839)	(2,037)	(2,351)	(13,600)	(3,041)
37	Transfer to Debt Service Reserve Fund	-	-	-	\-,\-\-	-	(5,5 11)
38	End of Year Balance	15,042	15,020	15,092	15,083	15,056	15,097
30	RATE STABILIZATION FUND	13,042	13,020	13,032	13,003	13,030	13,037
39	Beginning of Year Balance (c)	150,652	113,988	103,857	92,303	92,514	92,254
40	Deposit From/(To) Revenue Fund	(36,664)	(10,131)	(11,554)	211	(260)	(330)
	End of Year Balance	113,988	103,857	92,303		92,254	91,924
41	LIIU UI TEAI DAIAIILE	113,988	103,83/	92,303	92,514	92,254	91,924

⁽a) Includes other operating and nonoperating income, including interest income on funds and accounts transferable to the Revenue Fund and reflects projected contra revenue credits for Affordability Program Discounts (TAP Costs). Includes Debt Service Reserve Fund Release in FY 2021.

⁽b) Transfer of interest earnings from the Bond Reserve Account to the Residual Fund as shown in Line 34 to satisfy the requirements for the

transfer to the City General Fund shown on Line 36.

(c) FY 2021 beginning balance is estimated based on preliminary FY 2020 results.