

	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1		© 2011 Jj	City of Rio Vista - 88 Wastewater Operating Fund											
2		Consultants	Zero Based Rates Re-evaluation - BEACH DRIVE											
3		W-1-111208-4	Partial Financing Model											
4			From July 1, 2011											
5	Note: All values are expressed in "Then Current Year Dollars".													
6		8												
7		YEAR TOTAL												
8		FROM												
9	Account Name	2011/2012	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	
10	Rate Case Years 1 - 5		0	Rate Year 1	Rate Year 2	Rate Year 3	Rate Year 4	Rate Year 5	Plus 1 Year	Plus 2 Years	Plus 3 Years	Plus 4 Years	Plus 5 Years	
12	TOTAL REVENUES REQUIRED	20,495,557				2,193,846	2,410,892	2,648,470	2,648,469	2,648,469	2,648,471	2,648,469	2,648,471	
13	Growth Rate			0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
14	Factor Growth			1989.775	1989.775	1989.775	1989.775	1989.775	1989.775	1989.775	1989.775	1989.775	1989.775	
15	Est Monthly SFRUI Rate-with City Grow Est (weighted)		\$ 36.15	\$ 77.36	\$ 90.47	\$ 91.8800	\$ 100.9700	\$ 110.9200	\$ 110.9200	\$ 110.9200	\$ 110.9200	\$ 110.9200	\$ 110.9200	
22	TOTAL SYSTEM OPERATING COSTS (Without CIP)	14,159,757				1,817,202	1,757,731	1,663,763	1,690,416	1,744,998	1,760,101	1,896,117	1,829,429	
23														
24	WWTP Contractor's Costs:	8,164,777				1,030,718	1,048,019	943,677	958,533	1,000,616	1,003,757	1,126,288	1,053,169	
25	Contract Personnel and Services	4,832,592			0	573,068	581,664	590,389	599,245	608,234	617,357	626,618	636,017	
26	Component Maintenance, Repair or Replacement	1,271,579				203,750	149,481	134,368	136,238	164,034	152,624	158,975	172,109	
27	Electrical Power	681,152				76,600	78,898	81,265	83,703	86,214	88,800	91,464	94,208	
28	Chemicals	470,063				53,000	56,100	57,222	58,366	59,534	60,724	61,939	63,178	
29	Regulatory, Mandated , Permit Items	863,644				119,100	176,562	73,972	75,452	76,961	78,500	181,425	81,672	
30	Grounds, landscaping	25,748				3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	
31	Phones	858				100	102	104	106	108	110	113	115	
34	Fuel	19,141				2,100	2,152	3,236	2,239	2,284	2,330	2,376	2,424	
35	Lift Stations Contractor's Costs:	1,258,006				187,716	143,974	146,403	149,938	153,884	156,941	161,187	157,963	
36	Contract Personnel and Services	798,687				94,712	96,132	97,574	99,038	100,523	102,031	103,562	105,115	
37	Component Maintenance, Repair or Replacement	277,565				72,850	26,520	26,946	28,440	30,308	31,247	33,337	27,917	
38	Electrical Power	117,060				13,164	13,559	13,966	14,385	14,816	15,261	15,719	16,190	
39	Regulatory & Permit Items	24,031				2,800	2,856	2,913	2,971	3,031	3,091	3,153	3,216	
40	Phones	24,718				2,880	2,938	2,996	3,056	3,117	3,180	3,243	3,308	
41	Fuel	15,945				1,310	1,969	2,008	2,048	2,089	2,131	2,173	2,217	
43	City's Expenses; Plant & Lift Stations Contracts; and, Lines & Mains:	4,696,263				558,057	565,738	573,683	581,945	590,498	599,403	608,642	618,297	
44	Total Salaries, Wages & Benefits	1,215,814				136,659	140,538	144,639	148,991	153,590	158,490	163,693	169,214	
45	Overtime Expense	37,907				4,575	4,621	4,667	4,714	4,761	4,808	4,856	4,905	
46	Accounting, Audits, Legal, Bonds Amtor. & Admin., & Administration	292,459				35,297	35,650	36,006	36,367	36,730	37,098	37,468	37,843	
47	Flood, Fire and Liability Insurance	154,379				18,632	18,818	19,007	19,197	19,389	19,582	19,778	19,976	
48	Administrative Allocation OH	1,582,825				191,034	192,944	194,874	196,823	198,791	200,779	202,766	204,814	
49	M & R Real Property and Vehicles	272,936				31,800	32,436	33,085	33,745	34,421	35,110	35,811	36,528	
50	Contractual Services	231,690				26,994	27,534	28,085	28,646	29,219	29,804	30,400	31,008	
51	Misc. Materials, Supplies and Services	108,253				13,066	13,197	13,320	13,462	13,597	13,732	13,870	14,009	
53	Unplanned Repairs & Replacements	800,000				100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	
54	Other Support Expenses	-												
56	Other "Expense Items" = 6 Month Delay is Increasing 2011-12 Rates:	40,711				40,711								
58	NET OPERATING INCOME (LOSS)	6,335,800		0	0	376,644	653,161	984,707	958,053	903,471	888,370	752,352	819,042	
60	DEBT SERVICE													
61	Current Bonds	849,883				105,890	108,968	106,838	104,638	107,300	104,825	107,150	104,275	

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64	Debt Service - Partial Financing	694,607					85,409	152,299	152,299	152,299	152,299	0	0	0
69	TOTAL DEBT SERVICE	1,544,489					191,299	261,267	259,137	256,937	259,599	104,825	107,150	104,275
76	TOTAL NON-OPERATING REVENUE	232,000					29,000	29,000	29,000	29,000	29,000	29,000	29,000	29,000
78	Infrastructure Projects	3,872,596				0	224,000	665,840	679,157	434,016	408,186	458,676	494,443	508,278
79	[01] Edgewater Replacement	130,000					130,000							
80	[02] Hwy 12, Gardner (CIPP liner for pipe)	48,000					48,000							
81	[[03] St. Francis (remove & replace & relocate - PG&E - CalTran)	401,280								401,280				
82	[04] 7th St., California to Bruning	207,060							207,060					
83	[05] SW of California, 7th St to St. Joseph St	207,060							207,060					
84	[06] Front St North of Main St	442,752									130,272	312,480		
85	[07] Main St, Front St to City Hall	244,260									244,260			
86	[08] Private property, Bruning to Front St	129,413							129,413					
87	[09] Pipe repairs (based on CCTV inspection)	205,030						101,500	103,530					
88	[10] Emergency, unplanned collection repairs moved to City Support Expenses	-												
89	[11] Unidentified CIPs	1,042,200											111,600	458,880
90	[12] Marina LS (study/design, rehabilitation, controls upgrade, generator)	314,350					20,000	294,350						471,720
91	[13] River Rd LS (feasibility, design, engineering and replacement)	258,525					20,000	238,525						
92	[14] Manholes (replacements, covers, seals)	242,666					6,000	31,465	32,094	32,736	33,654	34,596	35,563	36,558
95	Governmental & Regulatory Projects	575,509					380,000	0	55,906	26,400	27,140	27,900	28,680	29,483
97	[15] SSMP plan development (50% of total cost)	80,000					80,000							
98	[16] Collection System cleaning (120K LF, 20K reclean)	177,953					150,000		27,953					
99	[17] Collection System CCTV (120K LF, 20 K recamera)	177,953					150,000		27,953					
100	[18] On-going Collection System cleaning	139,603								26,400	27,140	27,900	28,680	29,483
103	RELATED AND ANCILLARY (ENTER BELOW)	165,794	-	0	0		6,000	6,090	6,212	6,336	120,501	6,696	6,883	7,076
105	[19] Replace/relocate Homecoming from Beach to NW (study, prel. Engrg)	27,140									27,140			
106	[20] Industrial Pretreatment Program development (limits development)	-					0							
107	[21] Industrial Pretreatment Program implementation	-					0							
108	[22] Maintenance of vehicles	17,269					2,000	2,030	2,071	2,112	2,171	2,232	2,294	2,359
109	[23] Tools	8,633					1,000	1,015	1,035	1,056	1,085	1,116	1,147	1,179
110	[24] Backhoe (2)	25,904					3,000	3,045	3,106	3,168	3,257	3,348	3,442	3,538
111	[25] NW capacity purchase for Homecoming, River Rd LS, Airport LS	-					0							
112	[26] Sewer Master Plan (includes Beach to NW feasibility study)	86,848									86,848			
114	TOTAL CAPITAL PROJECTS & PROCUREMENT COSTS	4,613,899	-	0	0		610,000	671,930	741,275	466,752	555,827	493,272	530,006	544,837
122	LESS PARTIAL FINANCING CONTRIBUTION	646,691	-				395,655	251,036	0	0	0	0	0	0
124	NET CIPS and OPERATING EXPENSE NOT FINANCED EACH YEAR	3,967,208					214,345	420,894	741,275	466,752	555,827	493,272	530,006	544,837
126	PARTIAL FINANCING - INPUT YEARS AND AMOUNT													
129	Years to Pay						5	4	3	2	1	0	0	0
130	Total to Finance	646,691					395,655	251,036						
169	TOTAL ALL ABOVE RESERVES (No Impact on Debts Owed Balance)	-	-	0	0		0	0	0	0	0	0	0	0
171	Net Income (Loss)	1,056,103	-	0	0		0	0	13,295	263,364	117,045	319,273	144,196	198,930
198	TOTAL RESERVES for PARTIAL FINANCING	1,056,103	\$ -	0	0		0	0	13,295	263,364	117,045	319,273	144,196	198,930
211	TOTAL RESERVES (Reduces Debts Owed Balance)	1,056,103	\$ -	0	0		0	0	13,295	263,364	117,045	319,273	144,196	198,930
218	Debts owed = Advances from other Funds						(1,509,467)	(1,509,467)	(1,509,467)	(1,496,172)	(1,232,808)	(1,115,763)	(796,490)	(652,294)