

CBJ Public Works  
May 5, 2014

**Wastewater Utility Rate Model**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Operating Income	\$ 9,710,349	\$ 10,667,866	\$ 11,620,477	\$ 12,616,548	\$ 13,774,867	\$ 15,066,441	\$ 15,819,464	\$ 16,645,683	\$ 17,511,726	\$ 18,432,655	\$ 19,396,314	
Operating Expense	\$ 9,872,639	\$ 10,050,481	\$ 10,281,417	\$ 10,673,252	\$ 12,311,423	\$ 12,623,583	\$ 12,904,397	\$ 13,128,574	\$ 13,405,420	\$ 13,691,234	\$ 13,994,907	
Transfer to Capital Projects	\$ 684,930	\$ 786,708	\$ 968,661	\$ 140,775	\$ 1,755,862	\$ 2,144,531	\$ 3,047,705	\$ 3,417,469	\$ 4,004,831	\$ 4,557,591	\$ 5,179,294	\$ 26,688,357
<b>Net Operating Income (Loss)</b>	<b>\$ (847,220)</b>	<b>\$ (169,323)</b>	<b>\$ 370,399</b>	<b>\$ 1,802,521</b>	<b>\$ (292,418)</b>	<b>\$ 298,327</b>	<b>\$ (132,638)</b>	<b>\$ 99,640</b>	<b>\$ 101,475</b>	<b>\$ 183,830</b>	<b>\$ 222,113</b>	
Beginning Fund Balance	\$ 17,463,779	\$ 16,276,489	\$ 13,173,674	\$ 5,072,178	\$ 2,963,261	\$ 2,975,407	\$ 3,849,359	\$ 8,321,318	\$ 12,868,229	\$ 18,800,986	\$ 24,698,693	
Transfer from Operating Account - Capital Projects	\$ 684,930	\$ 786,708	\$ 968,661	\$ 140,775	\$ 1,755,862	\$ 2,144,531	\$ 3,047,705	\$ 3,417,469	\$ 4,004,831	\$ 4,557,591	\$ 5,179,294	
Marine Passenger Fees	\$ -	\$ -										
1% Sales Tax Funds	\$ -	\$ -		\$ -	\$ -	\$ 4,500,000	\$ 4,500,000	\$ 4,500,000	\$ 4,500,000	\$ 4,500,000		\$ 22,500,000
Revenue Bond Proceeds	\$ -	\$ -		\$ 1,984,556	\$ 18,344,511							\$ 20,329,067
Operational (Loss) / ProfitContribution	\$ (847,220)	\$ (169,323)	\$ 370,399	\$ 1,802,521	\$ (292,418)	\$ 298,327	\$ (132,638)	\$ 99,640	\$ 101,475	\$ 183,830	\$ 222,113	
<b>Capital Projects to be appropriated</b>	<b>\$ (1,025,000)</b>	<b>\$ (3,720,200)</b>	<b>\$ (9,440,556)</b>	<b>\$ (6,036,769)</b>	<b>\$ (19,795,809)</b>	<b>\$ (6,068,906)</b>	<b>\$ (2,943,108)</b>	<b>\$ (3,470,198)</b>	<b>\$ (2,673,549)</b>	<b>\$ (3,343,714)</b>	<b>\$ (3,253,471)</b>	<b>\$ (61,771,280)</b>
Ending Balance	\$ 16,276,489	\$ 13,173,674	\$ 5,072,178	\$ 2,963,261	\$ 2,975,407	\$ 3,849,359	\$ 8,321,318	\$ 12,868,229	\$ 18,800,986	\$ 24,698,693	\$ 26,846,629	
<b>Rate Increase</b>	0%	9.50%	9.50%	9.50%	9.50%	9.50%	5.00%	5.00%	5.00%	5.00%	5.00%	
Cumulative Rate Increase	0%	9.50%	19.90%	31.29%	43.77%	57.42%	65.30%	73.56%	82.24%	91.35%	100.92%	

**Water Utility Rate Model**

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
Operating Income	\$ 4,350,815	\$ 4,749,958	\$ 5,156,998	\$ 5,556,336	\$ 6,044,083	\$ 6,356,807	\$ 6,689,402	\$ 7,027,791	\$ 7,395,660	\$ 7,789,943	\$ 8,189,828	
Operating Expense	\$ 3,407,715	\$ 3,491,257	\$ 3,660,034	\$ 3,821,079	\$ 3,819,434	\$ 3,917,292	\$ 4,075,994	\$ 4,177,757	\$ 4,282,932	\$ 4,391,651	\$ 4,792,232	
Transfer to Capital Projects	\$ 956,374	\$ 1,202,203	\$ 1,415,506	\$ 1,647,018	\$ 1,944,422	\$ 2,197,822	\$ 2,447,661	\$ 2,700,733	\$ 2,998,237	\$ 3,274,609	\$ 3,309,706	\$ 24,094,291
<b>Net Operating Income (Loss)</b>	<b>\$ (13,274)</b>	<b>\$ 56,498</b>	<b>\$ 81,458</b>	<b>\$ 88,239</b>	<b>\$ 280,227</b>	<b>\$ 241,693</b>	<b>\$ 165,747</b>	<b>\$ 149,301</b>	<b>\$ 114,491</b>	<b>\$ 123,683</b>	<b>\$ 87,890</b>	<b>\$ 1,375,953</b>
Beginning Fund Balance	\$ 6,755,984	\$ 6,924,084	\$ 7,198,735	\$ 2,862,440	\$ 3,161,443	\$ 3,702,672	\$ 4,540,843	\$ 4,175,307	\$ 4,876,540	\$ 6,234,396	\$ 6,058,629	
Transfer from Operating Account - Capital Projects	\$ 956,374	\$ 1,202,203	\$ 1,415,506	\$ 1,647,018	\$ 1,944,422	\$ 2,197,822	\$ 2,447,661	\$ 2,700,733	\$ 2,998,237	\$ 3,274,609	\$ 3,309,706	
Marine Passenger Fees	\$ -	\$ 1,200,000										\$ 1,200,000
1% Sales Tax Funds	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -				
Revenue Bond Proceeds	\$ -	\$ -	\$ 1,013,738	\$ 925,960	\$ 15,919		\$ 767,658					\$ 1,709,537
Operational (Loss) / Income Contribution	\$ (13,274)	\$ 56,498	\$ 81,458	\$ 88,239	\$ 280,227	\$ 241,693	\$ 165,747	\$ 149,301	\$ 114,491	\$ 123,683	\$ 87,890	
<b>Capital Projects to be appropriated</b>	<b>\$ (775,000)</b>	<b>\$ (2,184,050)</b>	<b>\$ (6,846,997)</b>	<b>\$ (2,362,214)</b>	<b>\$ (1,699,339)</b>	<b>\$ (1,601,344)</b>	<b>\$ (3,746,602)</b>	<b>\$ (2,148,801)</b>	<b>\$ (1,754,872)</b>	<b>\$ (3,574,059)</b>	<b>\$ (1,557,628)</b>	<b>\$ (28,250,906)</b>
Ending Balance	\$ 6,924,084	\$ 7,198,735	\$ 2,862,440	\$ 3,161,443	\$ 3,702,672	\$ 4,540,843	\$ 4,175,307	\$ 4,876,540	\$ 6,234,396	\$ 6,058,629	\$ 7,898,597	
<b>Rate Increase</b>	0%	9.50%	9.50%	9.50%	9.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	
Cumulative Rate Increase	0%	9.50%	19.90%	31.29%	43.77%	51.67%	60.02%	68.82%	78.10%	87.90%	98.23%	