

## CITY OF HOLTVILLE Sewer Rate Analysis (Budget Projections)

<b>SEWER ENTERPRISE</b>		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		
Description	2010-11 Actual	2011-12 Actual	2012-13 Budget	2013-14 Estimated	2014-15 Estimated	2015-16 Estimated	2016-17 Estimated	2017-18 Estimated	2018-19 Estimated	2019-20 Estimated
Rate Change / Month										
Per Connection (non-CC)				4.05%	2.03%					
Per CC Connection				-20.75%						
<b>REVENUE</b>										
<b>Current Services</b>										
Sewer Charges	1,202,346	1,198,667	1,200,000	1,194,115	1,217,134	1,217,134	1,217,134	1,217,134	1,217,134	1,217,134
Sewer (Country Club) Charges	39,227	41,538	38,000	59,925	59,925	59,925	59,925	59,925	59,925	59,925
Truck Disposal Services	140,478	78,331	70,000	50,000	50,000	35,000	30,000	25,000	25,000	20,000
Interest Earnings	4,262	5,148	2,000	2,000	2,000	2,000	2,000	2,000	1,000	1,000
Sewer Connections										
<b>Total Sewer Revenue:</b>	<b>1,386,313</b>	<b>1,323,684</b>	<b>1,310,000</b>	<b>1,306,040</b>	<b>1,329,059</b>	<b>1,314,059</b>	<b>1,309,059</b>	<b>1,304,059</b>	<b>1,303,059</b>	<b>1,298,059</b>
<b>AUTHORIZED PERSONNEL</b>	<b>7.83</b>	<b>7.83</b>	<b>3.92</b>	<b>4.92</b>	<b>4.92</b>	<b>4.92</b>	<b>4.92</b>	<b>4.92</b>	<b>4.92</b>	<b>4.92</b>
<b>COLLECTION EXPENDITURES</b>										
Salaries & Benefits	276,152	301,972	147,305	158,170	158,170	158,170	166,078	166,078	166,078	174,382
Supplies & Services	71,723	53,611	254,900	69,900	70,645	73,395	73,500	74,025	76,913	77,063
Utilities & Office	9,799	10,757	6,100	26,100	6,405	6,405	6,405	6,850	6,850	6,850
Transfer Out Allocation				15,000	15,000	15,000	15,000	15,000	15,000	15,000
<b>Total Collection</b>	<b>357,673</b>	<b>366,340</b>	<b>408,305</b>	<b>269,170</b>	<b>250,220</b>	<b>252,970</b>	<b>260,983</b>	<b>261,953</b>	<b>264,841</b>	<b>273,295</b>
<b>TREATMENT EXPENDITURES</b>										
Salaries & Benefits	267,101	251,822	176,844	200,471	200,471	209,397	209,397	209,397	218,736	218,736
Supplies & Services	293,141	422,869	293,700	288,350	291,850	270,925	263,425	263,925	259,950	254,950
Utilities & Office	57,454	60,806	72,800	75,000	125,000	125,300	128,660	128,660	128,925	132,385
Outlay	48,790	16,461	53,000	73,000	25,000	15,000	10,000	10,000	10,000	10,000
Transfer Out Allocation				35,000	35,000	35,000	35,000	35,000	35,000	35,000
<b>Total Treatment</b>	<b>666,486</b>	<b>751,958</b>	<b>596,344</b>	<b>671,821</b>	<b>677,321</b>	<b>655,622</b>	<b>646,482</b>	<b>646,982</b>	<b>652,610</b>	<b>651,071</b>
Transfer Out	118,700	119,300	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
<b>Total Enterprise Activity Expenditures</b>	<b>1,142,859</b>	<b>1,237,598</b>	<b>1,054,648</b>	<b>940,991</b>	<b>927,541</b>	<b>908,592</b>	<b>907,465</b>	<b>908,935</b>	<b>917,451</b>	<b>924,366</b>
<b>Net Income from Enterprise Activity</b>	<b>243,454</b>	<b>86,086</b>	<b>255,352</b>	<b>365,049</b>	<b>401,518</b>	<b>405,468</b>	<b>401,594</b>	<b>395,124</b>	<b>385,608</b>	<b>373,693</b>
<b>Required Debt Service Coverage</b>	<b>130,125</b>	<b>208,793</b>	<b>248,719</b>	<b>241,720</b>	<b>370,879</b>	<b>370,879</b>	<b>370,879</b>	<b>370,879</b>	<b>370,879</b>	<b>370,879</b>
<b>DEBT SERVICE</b>										
2003 Bonds	104,100	167,034	141,225							
USDA Outfall Loan			57,750	193,376	164,501	164,501	164,501	164,501	164,501	164,501
Proposed SRF WWTP Loan					132,202	132,202	132,202	132,202	132,202	132,202
<b>Total Debt Service</b>	<b>104,100</b>	<b>167,034</b>	<b>198,975</b>	<b>193,376</b>	<b>296,703</b>	<b>296,703</b>	<b>296,703</b>	<b>296,703</b>	<b>296,703</b>	<b>296,703</b>
<b>Total Expenditures:</b>	<b>1,246,959</b>	<b>1,404,632</b>	<b>1,253,623</b>	<b>1,134,367</b>	<b>1,224,244</b>	<b>1,205,295</b>	<b>1,204,168</b>	<b>1,205,638</b>	<b>1,214,154</b>	<b>1,221,069</b>
<b>Net Revenue Over Expenditures</b>	<b>139,354</b>	<b>(80,948)</b>	<b>56,377</b>	<b>171,673</b>	<b>104,815</b>	<b>108,765</b>	<b>104,891</b>	<b>98,421</b>	<b>88,905</b>	<b>76,990</b>
<b>Actual Debt Service Ratio</b>	<b>234%</b>	<b>52%</b>	<b>128%</b>	<b>189%</b>	<b>135%</b>	<b>137%</b>	<b>135%</b>	<b>133%</b>	<b>130%</b>	<b>126%</b>
<b>Accumulated Cash Reserve</b>	<b>889,931</b>	<b>1,058,408</b>	<b>589,149</b>	<b>760,822</b>	<b>865,638</b>	<b>974,402</b>	<b>1,079,293</b>	<b>1,177,714</b>	<b>1,266,619</b>	<b>1,343,610</b>

### Collection Delivery Costs

Total Activity Expenditures		269,170	250,220	252,970	260,983	261,953	264,841	273,295
Debt Service		120,323	102,356	102,356	102,356	102,356	102,356	102,356
<b>Total Expenditures</b>		<b>389,493</b>	<b>352,576</b>	<b>355,326</b>	<b>363,340</b>	<b>364,310</b>	<b>367,197</b>	<b>375,651</b>
<b>Cost to Deliver Service ( 1,793 Connections )</b>		<b>18.10</b>	<b>16.39</b>	<b>16.51</b>	<b>16.89</b>	<b>16.93</b>	<b>17.07</b>	<b>17.46</b>
<b>Costs attributable to BWCC ( 7% )</b>		<b>27,264</b>	<b>24,680</b>	<b>24,873</b>	<b>25,434</b>	<b>25,502</b>	<b>25,704</b>	<b>26,296</b>
		<b>Monthly / Connection</b>	<b>1.19</b>	<b>1.08</b>	<b>1.09</b>	<b>1.11</b>	<b>1.11</b>	<b>1.15</b>

### Treatment Delivery Costs

Total Activity Expenditures		671,821	677,321	655,622	646,482	646,982	652,610	651,071
Debt Service (2003 WWTP Upgrade)		73,053	62,145	62,145	62,145	62,145	62,145	62,145
Debt Service (2015 WWTP Upgrade)		-	132,202	132,202	132,202	132,202	132,202	132,202
<b>Total Expenditures</b>		<b>744,874</b>	<b>871,668</b>	<b>849,969</b>	<b>840,829</b>	<b>841,329</b>	<b>846,957</b>	<b>845,418</b>
<b>Cost to Deliver Service ( 1,908 Connections )</b>		<b>32.53</b>	<b>38.07</b>	<b>37.12</b>	<b>36.72</b>	<b>36.75</b>	<b>36.99</b>	<b>36.92</b>
<b>BWCC Rate</b>		<b>33.72</b>	<b>39.15</b>	<b>38.21</b>	<b>37.83</b>	<b>37.86</b>	<b>38.11</b>	<b>38.07</b>

**CITY OF HOLTVILLE  
Sewer Rate Analysis**

**City Rates**

Line #	Customer Class	Existing		Users		Current Rates / Revenue	4.05% Rate Increase			2.03% Add'l Increase		
		Fixed \$/Month	Consumptn Fee (\$/kgal)	In City	Outside		Increase/New Rate	Revenue	Increase/New Rate	Revenue		
1	Single Family	\$49.32		1,044	51	\$54,005	\$2.00	\$51.32	\$56,031	\$52.32	\$1.00	\$57,111
2	Multifamily (per dwelling unit)	49.32		659	9	32,946	2.00	51.32	34,181	52.32	1.00	34,840
3	Senior Discount	39.44		6		237	1.60	41.04	246	41.84	0.80	250
4	Offices	45.02	3.95	36	2	1,711	1.82	46.84	1,775	47.76	0.91	1,809
5	Churches	45.02	3.95	15		675	1.82	46.84	701	47.76	0.91	714
6	Service Stations	64.93	3.95	10	3	844	2.63	67.56	876	68.88	1.32	893
7	<u>Restaurants</u>											
8	Under 30 persons	131.69	3.95	9		1,185	5.33	137.02	1,230	139.70	2.67	1,253
9	Over 30 persons	239.69	3.95	1		240	9.71	249.40	249	254.26	4.87	253
10	<u>Hotels</u>											
11	Under 30 persons	214.88	3.95	2		430	8.70	223.58	446	227.94	4.36	454
12	Over 30 persons	406.05	3.95	1		406	16.45	422.50	421	430.74	8.24	429
13	Laundromats	225.49	3.95				9.13	234.62	0	239.20	4.58	0
14	Schools	323.42	3.95	3		970	13.10	336.52	1,007	343.08	6.57	1,026
15	Meat Processors, Packing Sheds, coolers, ice plants, etc.	323.42	3.95	7		2,264	13.10	336.52	2,349	343.08	6.57	2,394
<b>City Rate Payers (per month)</b>				1,793		<b>\$95,913</b>			<b>\$99,510</b>			<b>\$101,428</b>
<b>Annualized Amount</b>						<b>\$1,150,954</b>			<b>\$1,194,115</b>			<b>\$1,217,134</b>

<b>Barbara Worth Country Club Rates</b>				<b>BWCC Users</b>		<b>-20.75% (Decrease)</b>		
						Decrease/New Rate	Revenue	
16	Single Family	\$49.32		71		(\$10.23)	\$39.09	\$2,775
17	Multifamily (per dwelling unit)	49.32		41		(10.23)	39.09	1,603
18	Senior Discount	39.44				(39.44)		
19	Offices	45.02	3.95			(45.02)		
20	Churches	45.02	3.95			(45.02)		
21	Service Stations	64.93	3.95			(64.93)		
22	<u>Restaurants</u>							
23	Under 30 persons	131.69	3.95	1		(27.33)	104.36	104
24	Over 30 persons	239.69	3.95	1		(49.74)	189.95	190
25	<u>Hotels</u>							
26	Under 30 persons	214.88	3.95			(214.88)		
27	Over 30 persons	406.05	3.95	1		(84.26)	321.79	322
28	Laundromats	225.49	3.95			(225.49)		
29	Schools	323.42	3.95			(323.42)		
30	Meat Processors, Packing Sheds, coolers, ice plants, etc.	323.42	3.95			(323.42)		
<b>BWCC Rate Payers (per month)</b>				115		<b>\$6,301</b>		<b>\$4,994</b>
<b>Annualized Amount</b>						<b>\$75,615</b>		<b>\$59,925</b>

**Effective Rate Changes on Single Family Homes**

**City/Non-BWCC Homes**

Current Increase \$2.00

2013-14 Increase \$1.00

**BWCC Residents**

Current Decrease (\$10.23)

2013-14 Change \$0.00