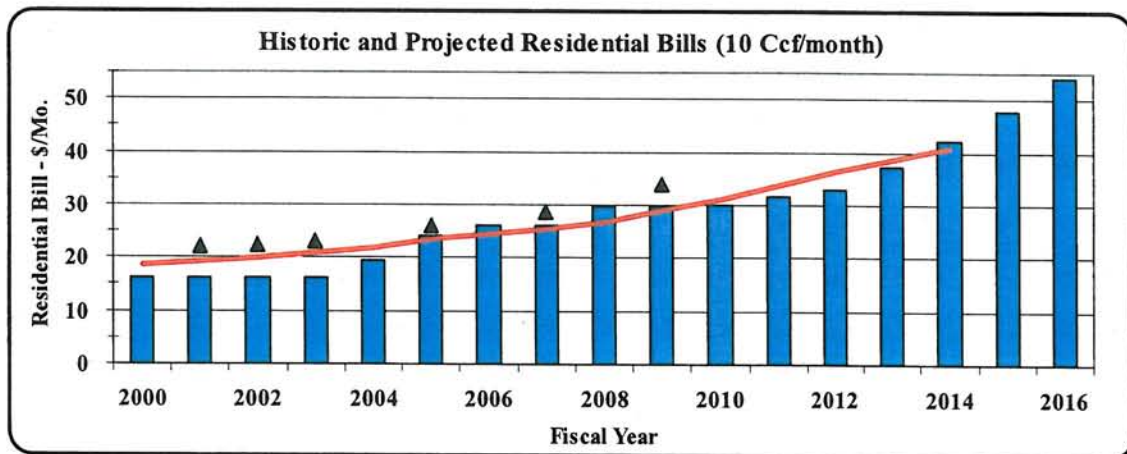


The figure below shows historic and projected wastewater bills for residential customers using 10 Ccf per month (bars) compared to the national average for respondents to the NACWA annual surveys through 2009 with their 5-year projection through 2014 (line) and the average of the 50 largest cities surveyed periodically by Black & Veatch (triangles).



As indicated in the above figure, the residential bills for District customers have closely tracked the NACWA national average. This trend is expected to continue through 2016. As shown in Table 13, the District's typical bills compare more favorably with other large cities as billed wastewater volume increases.

**Table 13**  
**Survey of Typical Monthly Wastewater Bills - 50 Largest Cities**  
*Ranked from Lowest (1) to Highest (50)*

City	Small Residential (a)		Medium Residential (b)		Large Residential (c)		Commercial (d)		Industrial (e)	
	Bill with	Rank	Bill with	Rank	Bill with	Rank	Bill with	Rank	Bill with	Rank
	3.75 Mgal		7.5 Mgal		15 Mgal		100 Mgal		10,000 Mgal	
	\$		\$		\$		\$		\$	
Albuquerque	11.60	9	15.71	6	23.93	7	125.31	4	13,225.47	5
Arlington	18.72	26	29.67	25	51.57	22	346.39	24	29,486.00	21
Atlanta	50.06	49	110.69	50	235.19	50	1,654.49	50	166,816.19	50
Austin	27.60	43	55.50	45	111.30	45	731.00	45	66,408.00	44
Baltimore	33.19	47	33.19	30	66.38	32	531.04	38	44,474.60	34
Boston	24.40	37	49.44	44	100.57	44	724.52	44	79,075.96	46
Charlotte	21.80	35	41.80	41	81.80	42	537.80	39	53,601.80	42
Chicago	5.59	2	11.19	3	22.37	6	149.89	5	14,989.24	6
Cleveland	18.58	25	37.15	35	74.30	38	497.81	35	49,781.00	39
Colorado Springs	25.71	38	37.66	37	61.56	29	372.57	28	34,598.85	28
Columbus	20.34	31	37.46	36	71.71	35	462.08	32	45,889.51	35
Dallas	19.20	28	34.92	32	66.94	33	279.44	16	26,339.51	15
Denver	7.31	5	14.63	5	29.25	11	190.00	8	19,000.00	10
Detroit	21.54	34	33.89	31	58.60	27	411.44	30	33,191.73	27
El Paso	11.38	8	17.73	9	30.43	12	227.34	12	17,341.20	9
Fort Worth	17.70	22	30.90	27	44.10	18	427.94	31	42,348.50	33
Fresno	21.01	33	21.01	13	21.01	5	195.70	9	7,423.60	2
Honolulu	53.44	50	59.96	46	73.00	36	734.00	46	73,400.00	45
Houston	6.51	3	29.93	26	60.39	28	509.20	36	50,803.21	40
Indianapolis	15.55	18	25.41	16	46.16	19	290.82	17	28,993.22	20
Jacksonville	22.87	36	41.39	40	80.67	40	528.81	37	49,617.37	38
Kansas City	20.00	30	31.40	28	54.20	26	314.12	20	30,560.60	22
Las Vegas	19.67	29	19.67	10	19.67	4	262.20	14	26,220.00	14
Long Beach	6.61	4	7.85	2	10.33	1	55.70	1	3,458.86	1
Los Angeles	16.35	20	32.70	29	65.40	31	394.36	29	39,436.20	32
Louisville	17.29	21	26.06	17	43.61	17	312.89	19	28,281.05	18
Memphis	3.59	1	7.19	1	14.37	3	95.80	2	9,580.00	3
Mesa	13.86	17	20.05	11	34.60	14	199.84	10	19,405.84	11
Miami	10.17	6	27.62	23	67.19	34	541.03	40	53,169.76	41
Milwaukee	10.74	7	16.90	8	29.23	10	179.24	6	16,523.27	7
Minneapolis	13.05	13	26.10	18	52.20	23	349.74	25	34,974.00	29
Nashville	18.89	27	39.39	39	92.52	43	550.56	41	38,858.41	31
New York City	18.36	24	36.73	34	73.46	37	492.17	34	49,216.86	37
Oakland	12.86	12	13.15	4	13.15	2	183.34	7	16,898.50	8
Oklahoma City	13.13	14	24.72	15	47.89	21	310.54	18	30,901.54	23
Omaha	12.76	11	16.71	7	24.62	8	115.53	3	11,050.07	4
Philadelphia	26.61	40	36.47	33	118.00	46	662.61	42	28,914.33	19
Phoenix	13.46	16	26.92	20	53.83	25	315.76	21	31,575.76	24
Portland	32.50	46	65.00	47	130.00	47	888.82	47	88,882.20	47
Raleigh	13.30	15	23.20	14	43.00	16	268.72	15	26,535.40	16
Sacramento	26.32	39	26.32	19	30.69	13	357.91	27	35,790.77	30
San Antonio	12.40	10	20.11	12	35.54	15	210.38	11	20,574.68	12
San Diego	31.13	45	47.95	43	81.58	41	676.79	43	66,173.58	43
San Francisco	27.36	42	76.21	48	173.91	48	1,107.76	48	110,776.46	48
San Jose	27.09	41	27.09	21	27.09	9	325.62	22	32,562.00	26
Seattle	44.45	48	88.90	49	177.80	49	1,191.26	49	119,126.00	49
Tucson	17.79	23	27.25	22	46.18	20	261.98	13	25,374.52	13
Tulsa	16.19	19	28.31	24	52.53	24	329.96	23	32,319.10	25
Virginia Beach	30.94	44	42.34	42	65.14	30	356.94	26	28,099.61	17
Washington	20.51	32	38.59	38	74.82	39	486.96	33	48,547.41	36
Average	20.03		33.80		63.28		434.52		41,011.83	
Median	18.65		29.80		54.02		353.34		32,440.55	
<b>St. Louis (f)</b>	<b>20.50</b>	<b>32</b>	<b>30.10</b>	<b>27</b>	<b>49.30</b>	<b>22</b>	<b>297.83</b>	<b>18</b>	<b>25,768.55</b>	<b>14</b>

(a) Assumes 3,750 gallons (or 500 cubic feet) monthly billed wastewater volume and a 5/8" (or nearest equivalent) meter size.

(b) Assumes 7,500 gallons (or 1,000 cubic feet) monthly billed wastewater volume and a 5/8" (or nearest equivalent) meter size.

(c) Assumes 15,000 gallons (or 2,000 cubic feet) monthly billed wastewater volume and a 3/4" (or nearest equivalent) meter size.

(d) Assumes 100,000 gallons (or 13,400 cubic feet) monthly billed wastewater volume and a 2" (or nearest equivalent) meter size.