City of Northfield
Utility Rate Study

Total Utility Bill Impact Analysis

RESIDENTIAL

	Cubic Feet	2015	2016	2017	2018	2019
Low Water User						
Water Bill	200	$ 9.36	$ 9.36	$ 9.36	$ 9.36	$ 9.36
Sewer Bill	200	16.03	16.51	17.00	17.52	17.52
Storm Sewer Bill		5.11	5.42	5.75	6.10	6.47
Total Utility Bill		**$ 30.50**	**$ 31.29**	**$ 32.11**	**$ 32.98**	**$ 33.35**
$ Difference		$ (1.52)	0.79	0.82	0.87	0.37
% Difference		-4.747%	2.588%	2.621%	2.701%	1.122%
Median Water User						
Water Bill	500	$ 12.90	$ 12.90	$ 12.90	$ 12.90	$ 12.90
Sewer Bill	500	28.42	29.27	30.15	31.06	31.06
Storm Sewer Bill		6.00	6.36	6.74	7.14	7.57
Total Utility Bill		**$ 47.32**	**$ 48.53**	**$ 49.79**	**$ 51.10**	**$ 51.53**
$ Difference		$ 1.14	$ 1.21	$ 1.26	$ 1.31	$ 0.43
% Difference		2.469%	2.555%	2.596%	2.625%	0.842%
High Water User						
Water Bill	1,000	$ 20.00	$ 20.00	$ 20.00	$ 20.00	$ 20.00
Sewer Bill	1,000	49.07	50.54	52.06	53.62	53.62
Storm Sewer Bill		19.01	20.15	21.36	22.64	24.00
Total Utility Bill		**$ 88.08**	**$ 90.69**	**$ 93.42**	**$ 96.26**	**$ 97.62**
$ Difference		$ 2.73	$ 2.61	$ 2.73	$ 2.84	$ 1.36
% Difference		3.199%	2.962%	3.010%	3.037%	1.413%
MOM Brands (All accounts)						
Water Bill						
Sewer Bill						
BOD/TSS Bill						
Storm Sewer Bill						
Total Utility Bill						
$ Difference						
% Difference						

CLASS 1

	Cubic Feet	2015	2016	2017	2018	2019
Low Water User						
Water Bill	200	$ 9.36	$ 9.36	$ 9.36	$ 9.36	$ 9.36
Sewer Bill	200	16.03	16.51	17.00	17.52	17.52
Storm Sewer Bill		55.92	59.28	62.84	66.61	70.61
Total Utility Bill		**$ 81.31**	**$ 85.15**	**$ 89.20**	**$ 93.49**	**$ 97.49**
$ Difference		$ 0.07	$ 3.84	$ 4.05	$ 4.29	$ 4.00
% Difference		0.086%	4.722%	4.756%	4.806%	4.279%
Median Water User						
Water Bill	1,000	$ 20.00	$ 20.00	$ 20.00	$ 20.00	$ 20.00
Sewer Bill	1,000	49.07	50.54	52.06	53.62	53.62
Storm Sewer Bill		117.24	124.27	131.73	139.63	148.01
Total Utility Bill		**$ 186.31**	**$ 194.81**	**$ 203.79**	**$ 213.25**	**$ 221.63**
$ Difference		$ 8.29	$ 8.50	$ 8.98	$ 9.46	$ 8.38
% Difference		4.657%	4.562%	4.610%	4.641%	3.930%
High Water User						
Water Bill	2,100	$ 35.62	$ 35.62	$ 35.62	$ 35.62	$ 35.62
Sewer Bill	2,100	94.50	97.34	100.26	103.27	103.27
Storm Sewer Bill		352.25	373.39	395.79	419.54	444.71
Total Utility Bill		**$ 482.37**	**$ 506.35**	**$ 531.67**	**$ 558.43**	**$ 583.60**
$ Difference		$ 23.46	$ 23.98	$ 25.32	$ 26.76	$ 25.17
% Difference		5.112%	4.971%	5.001%	5.033%	4.507%
MOM Brands (All accounts)						
Water Bill						
Sewer Bill						
BOD/TSS Bill						
Storm Sewer Bill						
Total Utility Bill						
$ Difference						
% Difference						

CLASS 2

	Cubic Feet	2015	2016	2017	2018	2019
Low Water User						
Water Bill	1,500	$ 24.70	$ 24.70	$ 24.70	$ 24.70	$ 24.70
Sewer Bill	1,500	69.72	71.81	73.97	76.19	76.19
Storm Sewer Bill		66.70	70.70	74.94	79.44	84.21
Total Utility Bill		**$ 161.12**	**$ 167.21**	**$ 173.61**	**$ 180.33**	**$ 185.10**
$ Difference		$ (44.07)	$ 6.09	$ 6.40	$ 6.72	$ 4.77
% Difference		-21.478%	3.779%	3.828%	3.869%	2.645%
Median Water User						
Water Bill	7,000	$ 94.40	$ 94.40	$ 94.40	$ 94.40	$ 94.40
Sewer Bill	7,000	296.87	305.79	314.97	324.42	324.42
Storm Sewer Bill		110.32	116.94	123.96	131.40	139.28
Total Utility Bill		**$ 501.59**	**$ 517.13**	**$ 533.33**	**$ 550.22**	**$ 558.10**
$ Difference		$ 7.29	$ 15.54	$ 16.20	$ 16.89	$ 7.88
% Difference		1.475%	3.098%	3.133%	3.166%	1.432%
High Water User						
Water Bill	17,000	$ 243.60	$ 243.60	$ 243.60	$ 243.60	$ 243.60
Sewer Bill	17,000	709.87	731.22	753.15	775.75	775.75
Storm Sewer Bill		347.12	367.95	390.03	413.43	438.24
Total Utility Bill		**$ 1,300.59**	**$ 1,342.77**	**$ 1,386.78**	**$ 1,432.78**	**$ 1,457.59**
$ Difference		$ 38.10	$ 42.18	$ 44.01	$ 46.00	$ 24.81
% Difference		3.018%	3.243%	3.278%	3.317%	1.732%
MOM Brands (All accounts)						
Water Bill	1,282,000	$ 26,228.33	$ 26,228.33	$ 26,228.33	$ 26,228.33	$ 26,228.33
Sewer Bill	1,178,000	48,705.79	50,170.57	51,675.69	53,225.96	53,225.96
BOD/TSS Bill		56,667.94	57,507.31	58,346.67	59,186.04	59,186.04
Storm Sewer Bill		2,477.06	2,625.68	2,783.22	2,950.21	3,127.22
Total Utility Bill		**$ 134,079.12**	**$ 136,531.89**	**$ 139,033.91**	**$ 141,590.54**	**$ 141,767.55**
$ Difference		$ 4,025.57	$ 2,452.77	$ 2,502.02	$ 2,556.63	$ 177.01
% Difference		3.095%	1.829%	1.833%	1.839%	0.125%