

# APPENDIX D1

## Missouri American Water Monthly Impact on Customers Bills

Year 1 Apr 2012- Mar 2013	St. Louis Metro			St. Joseph			Platte County			Warrensburg			Brunswick			Mexico			Joplin			Jefferson City Water		
	Average Monthly Usage	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	Average Bill w/ Decoupling	Percent	
3,000	\$17.38	\$14.80	-14.80%	\$25.38	\$23.83	-6.11%	\$38.79	\$27.36	-29.46%	\$22.48	\$19.92	-11.40%	\$54.61	\$33.44	-39.44%	\$31.63	\$33.44	-1.72%	\$31.08	\$33.44	-7.32%	\$30.12	\$33.44	-10.83%
3,333	\$18.52	\$15.95	-13.89%	\$27.02	\$25.47	-5.74%	\$41.38	\$29.95	-27.62%	\$23.67	\$21.11	-10.83%	\$58.22	\$35.74	-39.44%	\$33.09	\$35.74	-6.87%	\$32.47	\$35.74	-9.32%	\$31.65	\$35.74	-11.72%
3,667	\$19.68	\$17.10	-13.08%	\$28.66	\$27.11	-5.41%	\$43.97	\$32.55	-25.98%	\$24.87	\$22.31	-10.31%	\$61.85	\$38.04	-39.44%	\$34.55	\$38.04	-9.20%	\$33.87	\$38.04	-11.62%	\$32.97	\$38.04	-13.08%
4,000	\$20.82	\$18.25	-12.36%	\$30.30	\$28.75	-5.12%	\$46.56	\$35.14	-24.54%	\$26.06	\$23.50	-9.84%	\$66.46	\$40.33	-39.44%	\$36.00	\$40.33	-10.98%	\$35.27	\$40.33	-12.42%	\$34.40	\$40.33	-14.36%
4,333	\$21.97	\$19.40	-11.71%	\$31.93	\$30.38	-4.85%	\$49.15	\$37.72	-23.25%	\$27.26	\$24.69	-9.41%	\$69.07	\$42.63	-39.44%	\$37.46	\$42.63	-11.36%	\$36.66	\$42.63	-13.66%	\$35.82	\$42.63	-16.38%
4,667	\$23.12	\$20.55	-11.13%	\$33.57	\$32.02	-4.62%	\$51.75	\$40.32	-22.08%	\$28.45	\$25.89	-9.01%	\$72.70	\$44.93	-39.44%	\$38.92	\$44.93	-12.29%	\$38.06	\$44.93	-14.91%	\$37.25	\$44.93	-17.36%
5,000	\$24.27	\$21.69	-10.60%	\$35.21	\$33.66	-4.40%	\$54.34	\$42.91	-21.03%	\$29.65	\$27.08	-8.65%	\$76.31	\$47.81	-39.44%	\$40.37	\$47.81	-15.67%	\$39.45	\$47.81	-17.34%	\$38.67	\$47.81	-19.34%
5,333	\$25.41	\$22.84	-10.12%	\$36.84	\$35.29	-4.21%	\$56.92	\$45.50	-20.07%	\$30.84	\$28.28	-8.31%	\$79.92	\$49.52	-39.44%	\$41.83	\$49.52	-16.71%	\$40.84	\$49.52	-18.34%	\$39.90	\$49.52	-20.31%
5,667	\$26.56	\$23.99	-9.68%	\$38.48	\$36.93	-4.03%	\$59.52	\$48.09	-19.20%	\$32.04	\$29.47	-8.00%	\$83.55	\$51.83	-39.44%	\$43.28	\$51.83	-16.34%	\$42.24	\$51.83	-18.34%	\$41.52	\$51.83	-20.31%
6,000	\$27.71	\$25.14	-9.28%	\$40.12	\$38.57	-3.86%	\$62.11	\$50.68	-18.40%	\$33.23	\$30.67	-7.71%	\$87.16	\$54.71	-39.44%	\$44.74	\$54.71	-18.83%	\$43.63	\$54.71	-20.31%	\$42.94	\$54.71	-21.34%
6,333	\$28.86	\$26.29	-8.91%	\$41.75	\$40.20	-3.71%	\$64.70	\$53.27	-17.66%	\$34.42	\$31.86	-7.45%	\$90.77	\$56.42	-39.44%	\$46.19	\$56.42	-18.78%	\$45.03	\$56.42	-20.31%	\$44.37	\$56.42	-21.34%
6,667	\$30.01	\$27.44	-8.57%	\$43.39	\$41.85	-3.57%	\$67.29	\$55.87	-16.98%	\$35.62	\$33.06	-7.20%	\$94.40	\$59.30	-39.44%	\$47.65	\$59.30	-19.22%	\$46.42	\$59.30	-21.34%	\$45.79	\$59.30	-22.34%
7,000	\$31.16	\$28.58	-8.26%	\$45.03	\$43.48	-3.44%	\$69.88	\$58.46	-16.35%	\$36.81	\$34.25	-6.96%	\$98.01	\$61.60	-39.44%	\$49.11	\$61.60	-20.70%	\$47.82	\$61.60	-22.34%	\$47.22	\$61.60	-23.34%
7,333	\$32.30	\$29.73	-7.96%	\$46.67	\$45.12	-3.32%	\$72.47	\$61.04	-15.77%	\$38.01	\$35.44	-6.75%	\$101.62	\$63.31	-39.44%	\$50.56	\$63.31	-20.92%	\$49.21	\$63.31	-22.34%	\$48.64	\$63.31	-23.34%
7,667	\$33.45	\$30.88	-7.69%	\$48.31	\$46.76	-3.21%	\$75.07	\$63.64	-15.22%	\$39.20	\$36.64	-6.54%	\$105.25	\$65.61	-39.44%	\$52.02	\$65.61	-20.89%	\$50.61	\$65.61	-22.34%	\$49.78	\$65.61	-23.34%
8,000	\$34.60	\$32.03	-7.44%	\$49.94	\$48.39	-3.10%	\$77.65	\$66.23	-14.71%	\$40.40	\$37.83	-6.35%	\$108.86	\$67.91	-39.44%	\$53.48	\$67.91	-20.86%	\$52.00	\$67.91	-22.34%	\$51.49	\$67.91	-23.34%
8,333	\$35.75	\$33.18	-7.20%	\$51.58	\$50.03	-3.00%	\$80.24	\$68.82	-14.24%	\$41.59	\$39.03	-6.16%	\$112.47	\$70.79	-39.44%	\$54.93	\$70.79	-20.83%	\$53.39	\$70.79	-22.34%	\$52.92	\$70.79	-23.34%
8,667	\$36.90	\$34.33	-6.97%	\$53.22	\$51.67	-2.91%	\$82.84	\$71.41	-13.79%	\$42.79	\$40.22	-5.99%	\$116.10	\$72.50	-39.44%	\$56.39	\$72.50	-20.80%	\$54.79	\$72.50	-22.34%	\$54.34	\$72.50	-23.34%
9,000	\$38.05	\$35.47	-6.76%	\$54.85	\$53.30	-2.83%	\$85.43	\$74.00	-13.36%	\$43.98	\$41.42	-5.83%	\$119.71	\$74.80	-39.44%	\$57.84	\$74.80	-20.78%	\$56.18	\$74.80	-22.34%	\$55.77	\$74.80	-23.34%
9,333	\$39.19	\$36.62	-6.56%	\$56.49	\$54.94	-2.74%	\$88.02	\$76.59	-12.98%	\$45.17	\$42.61	-5.67%	\$123.32	\$77.68	-39.44%	\$59.30	\$77.68	-20.76%	\$57.58	\$77.68	-22.34%	\$57.19	\$77.68	-23.34%
9,667	\$40.34	\$37.77	-6.38%	\$58.13	\$56.58	-2.67%	\$90.61	\$79.19	-12.61%	\$46.37	\$43.81	-5.53%	\$126.95	\$79.98	-39.44%	\$60.76	\$79.98	-20.73%	\$58.97	\$79.98	-22.34%	\$58.62	\$79.98	-23.34%
10,000	\$41.49	\$38.92	-6.20%	\$59.77	\$58.22	-2.59%	\$93.20	\$81.77	-12.26%	\$47.56	\$45.00	-5.39%	\$130.56	\$82.28	-39.44%	\$62.21	\$82.28	-20.71%	\$60.37	\$82.28	-22.34%	\$60.04	\$82.28	-23.34%
		\$ (2,5727)		\$ (1,5498)		\$ (11,4265)		\$ (2,5636)		\$ (1,3869)		\$ (0,5667)		\$ (2,1931)		\$ (0,1843)								

Note: The bill impact analysis excludes the small water districts and all sewer districts.



Missouri American Water  
Monthly Impact on Customers Bills

APPENDIX D3

Year 3 Apr 2014- Mar 2015	St. Louis Metro		St. Joseph		Platte County		Warrensburg		Brunswick		Mexico		Joplin		Jefferson City Water		
	Average Monthly Usage	Average Bill w/ Decoupling Percent	Average Bill	Average Bill w/ Decoupling Percent	Average Bill	Average Bill w/ Decoupling Percent	Average Bill	Average Bill w/ Decoupling Percent	Average Bill	Average Bill w/ Decoupling Percent	Average Bill	Average Bill w/ Decoupling Percent	Average Bill	Average Bill w/ Decoupling Percent	Average Bill	Average Bill w/ Decoupling Percent	
3,000	\$17.38	1.76%	\$25.38	2.87%	\$38.79	2.87%	\$22.48	0.00%	\$54.61	\$62.91	15.19%	\$34.03	7.42%	\$33.23	6.91%	\$30.12	0.00%
3,333	\$18.52	1.84%	\$27.02	2.99%	\$41.38	2.99%	\$23.67	0.00%	\$58.22	\$67.44	15.83%	\$36.32	7.72%	\$34.86	7.34%	\$31.55	0.00%
3,667	\$19.68	1.90%	\$28.66	3.10%	\$43.97	3.10%	\$24.87	0.00%	\$61.95	\$71.99	16.40%	\$38.63	7.99%	\$36.50	7.74%	\$32.97	0.00%
4,000	\$20.82	1.96%	\$30.30	3.19%	\$46.56	3.19%	\$26.06	0.00%	\$65.46	\$76.52	16.90%	\$40.92	8.23%	\$38.13	8.11%	\$34.40	0.00%
4,333	\$21.97	2.01%	\$31.93	3.27%	\$49.15	3.27%	\$27.26	0.00%	\$69.07	\$81.05	17.35%	\$43.22	8.44%	\$39.76	8.46%	\$35.82	0.00%
4,667	\$23.12	2.06%	\$33.57	3.35%	\$51.75	3.35%	\$28.45	0.00%	\$72.70	\$85.60	17.75%	\$45.52	8.63%	\$41.39	8.77%	\$37.25	0.00%
5,000	\$24.27	2.10%	\$35.21	3.42%	\$54.34	3.42%	\$29.65	0.00%	\$76.31	\$90.14	18.12%	\$47.81	8.80%	\$43.03	9.07%	\$38.67	0.00%
5,333	\$25.41	2.14%	\$36.84	3.48%	\$56.92	3.48%	\$30.84	0.00%	\$79.92	\$94.67	18.45%	\$50.11	8.96%	\$44.66	9.34%	\$40.09	0.00%
5,667	\$26.56	2.18%	\$38.48	3.54%	\$59.52	3.54%	\$32.04	0.00%	\$83.55	\$99.22	18.76%	\$52.41	9.10%	\$46.29	9.60%	\$41.52	0.00%
6,000	\$27.71	2.21%	\$40.12	3.59%	\$62.11	3.59%	\$33.23	0.00%	\$87.16	\$103.75	19.04%	\$54.71	9.23%	\$47.93	9.84%	\$42.94	0.00%
6,333	\$28.86	2.24%	\$41.75	3.63%	\$64.70	3.63%	\$34.42	0.00%	\$90.77	\$108.28	19.29%	\$57.00	9.35%	\$49.56	10.06%	\$44.37	0.00%
6,667	\$30.01	2.27%	\$43.39	3.68%	\$67.29	3.68%	\$35.62	0.00%	\$94.40	\$112.83	19.53%	\$59.30	9.46%	\$51.19	10.27%	\$45.79	0.00%
7,000	\$31.16	2.29%	\$45.03	3.72%	\$69.88	3.72%	\$36.81	0.00%	\$98.01	\$117.37	19.75%	\$61.60	9.57%	\$52.82	10.47%	\$47.22	0.00%
7,333	\$32.30	2.32%	\$46.67	3.76%	\$72.47	3.76%	\$38.01	0.00%	\$101.62	\$121.90	19.95%	\$63.90	9.66%	\$54.46	10.66%	\$48.64	0.00%
7,667	\$33.45	2.34%	\$48.31	3.79%	\$75.07	3.79%	\$39.20	0.00%	\$105.25	\$126.45	20.14%	\$66.20	9.75%	\$56.09	10.84%	\$50.07	0.00%
8,000	\$34.60	2.36%	\$49.94	3.83%	\$77.65	3.83%	\$40.40	0.00%	\$108.86	\$130.98	20.32%	\$68.49	9.83%	\$57.72	11.01%	\$51.49	0.00%
8,333	\$35.75	2.38%	\$51.58	3.86%	\$80.24	3.86%	\$41.59	0.00%	\$112.47	\$135.52	20.49%	\$70.79	9.91%	\$59.35	11.16%	\$52.92	0.00%
8,667	\$36.90	2.40%	\$53.22	3.88%	\$82.84	3.88%	\$42.79	0.00%	\$116.10	\$140.06	20.64%	\$73.09	9.98%	\$60.99	11.32%	\$54.34	0.00%
9,000	\$38.05	2.41%	\$54.85	3.91%	\$85.43	3.91%	\$43.98	0.00%	\$119.71	\$144.60	20.79%	\$75.39	10.05%	\$62.62	11.46%	\$55.77	0.00%
9,333	\$39.19	2.43%	\$56.49	3.94%	\$88.02	3.94%	\$45.17	0.00%	\$123.32	\$149.13	20.93%	\$77.68	10.11%	\$64.25	11.60%	\$57.19	0.00%
9,667	\$40.34	2.45%	\$58.13	3.96%	\$90.61	3.96%	\$46.37	0.00%	\$126.95	\$153.68	21.06%	\$79.98	10.17%	\$65.99	11.73%	\$58.62	0.00%
10,000	\$41.49	2.46%	\$59.77	3.98%	\$93.20	3.98%	\$47.56	0.00%	\$130.56	\$158.21	21.18%	\$82.28	10.23%	\$67.52	11.85%	\$60.04	0.00%

Note: The bill impact analysis excludes the small water districts and all sewer districts.