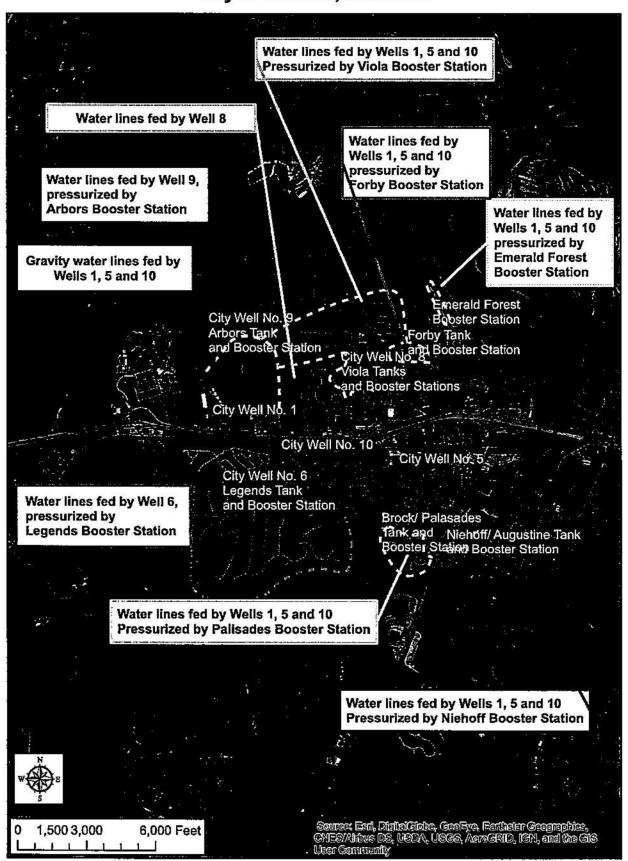


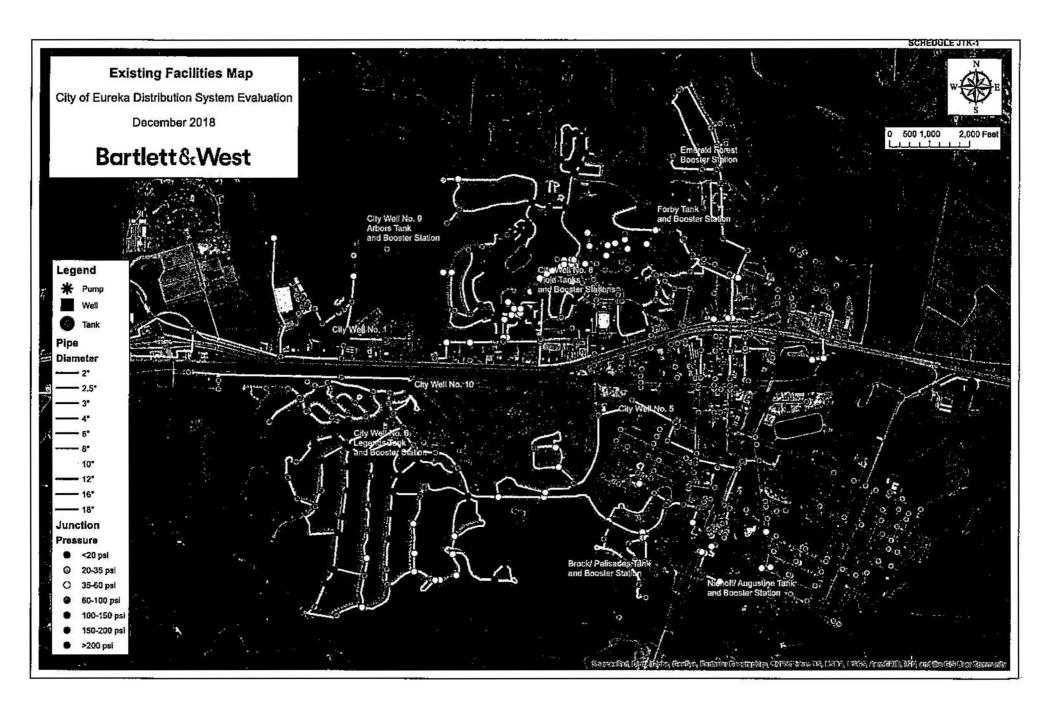
APPENDIX B

EXISTING WATER DISTRIBUTION ZONES MAP



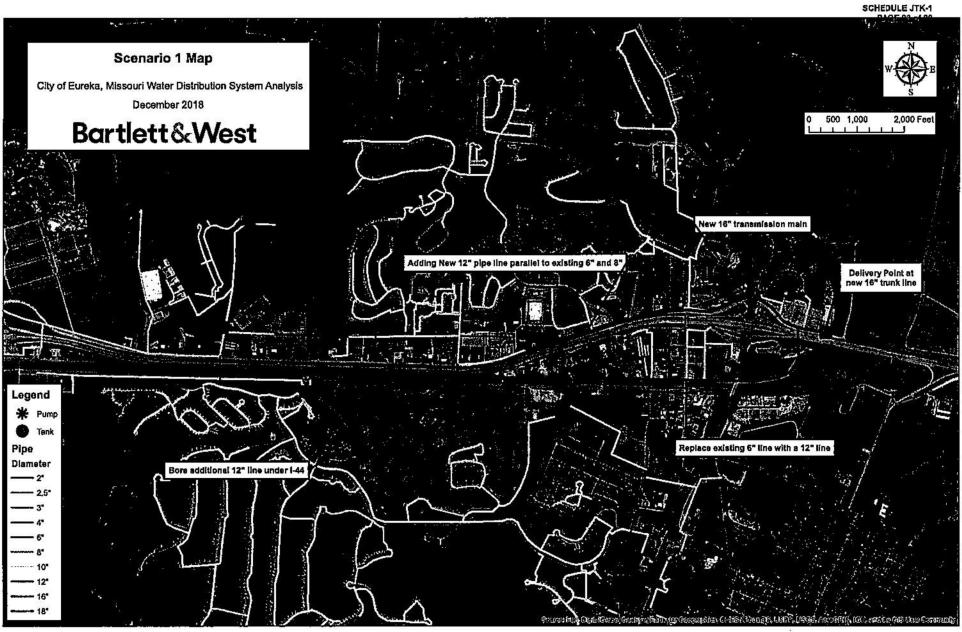
APPENDIX C

EXISTING SYSTEM PRESSURES MAP



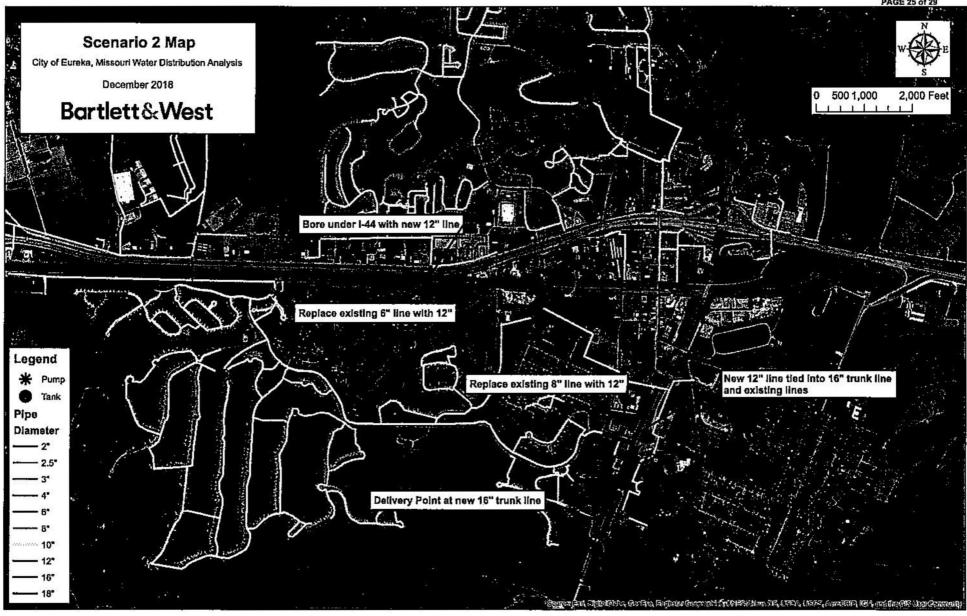
APPENDIX D

SCENARIO 1 MAP



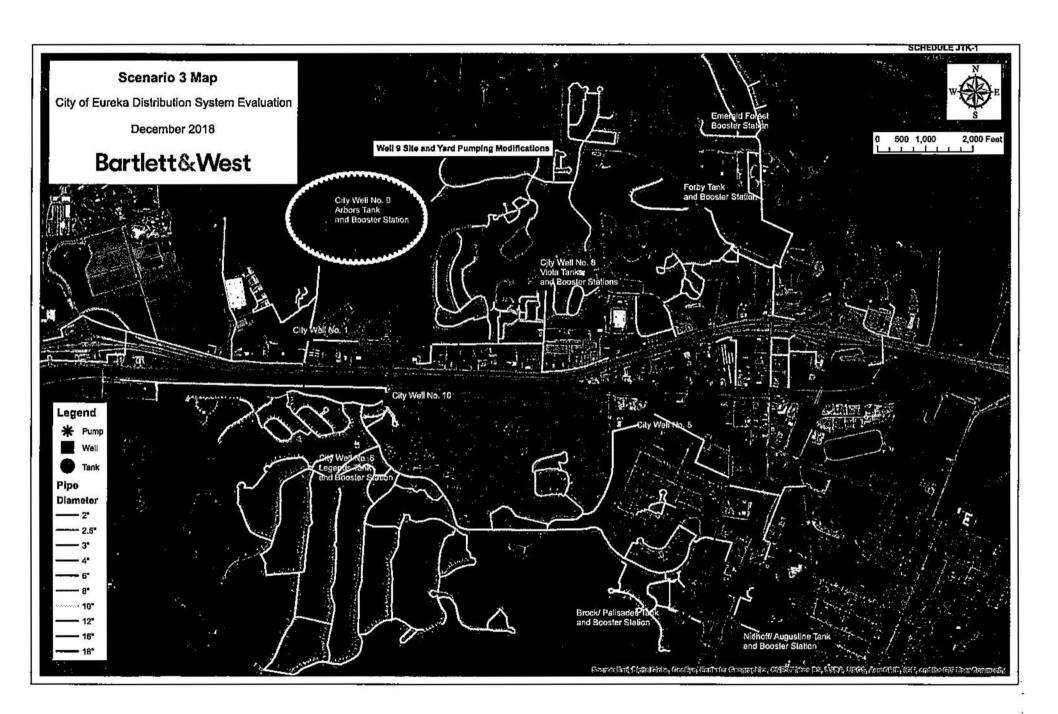
APPENDIX E

SCENARIO 2 MAP



APPENDIX F

SCENARIO 3 MAP



APPENDIX G

RECOMMENDED IMPROVEMENTS COST OPINIONS

City of Eureka, Missouri Recommended Improvements Cost Opinions - December 2018

Project No. 19500.004

PROJECT/DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
Scenario #1 - Missouri American Source Water fe	eding in from t	he East		Si .
16" C900 PVC Water Line	LF	2,400	\$110.00	\$264,000.00
12" PR200 PVC Water Line	LF	10,700	\$80.00	\$856,000.00
16" Highway Crossings (Bore)	LF	750	\$525.00	\$393,750.00
12" Highway Crossings (Bore)	LF	300	\$375.00	\$112,500.00
12" Railroad Crossings (Bore)	LF	300	\$395.00	\$118,500.00
Valves, Appurtenances and Misc.	LS	1	\$560,000.00	\$560,000.00
and the second s	Total	Total Estimated Construction Cost:		
Construction Contingency: Non-Construction Contingency:				\$230,500.00
				\$464,750.00
TOTAL ESTIMATED COST OF REC	OMMENDED IN	APROVEMENTS	(Scenario #1):	\$3,000,000.00
Scenario #2 - Jefferson County Source Water feed			2 1000000000000000000000000000000000000	© 10000 NOVE 12000 12 2010
16" C900 PVC Water Line	LF	2,000	\$110.00	\$220,000.00
12" PR200 PVC Water Line	LF	5,450	\$80.00	\$436,000.00
12" Highway Crossings (Bore)	LF	325	\$375.00	\$121,875.00
12" Railroad Crossings (Bore)	LF	325	\$395.00	\$128,375.00
Valves, Appurtenances and Misc.	LS	1	\$328,000.00	\$328,000.00
Total Estimated Construction Cost: Construction Contingency: Non-Construction Contingency:				\$1,234,250.00
				\$123,400.00
				\$312,350.00
TOTAL ESTIMATED COST OF RECOMMENDED IMPROVEMENTS (Scenario #2):				\$1,670,000.00
Scenario #3 - Upgrading Existing System*				
Well 9 Site Modifications	LS	1	\$100,000.00	\$100,000.00
Valves, Appurtenances and Misc.	LS	1	\$50,000.00	\$50,000.00
Total Estimated Construction Cost: Construction Contingency: Non-Construction Contingency:				\$150,000.00
				\$15,000.00
				\$45,000.00
TOTAL ESTIMATED COST OF RECOMMENDED IMPROVEMENTS (Scenario #3):*				\$210,000.00

^{*}This represents only the upgrades to the existing distribution system, and the estimated cost does not include supply or treatment improvements recommended in other sections of the report.