



City of Flint

Water Improvements since November 2014

DATE	IMPROVEMENT	EFFECT
Nov.	Increased flushing efforts (as weather permits)	Reduced time of water in the system
Nov.	Adjusted operational softening to no less than 80%	Reduce chlorine demand
Dec.	Started hydraulic modeling of distribution system	Helps to identify locations of bad valves
Dec.	Started evaluation of different polymers	Removal of organic carbon
Dec.	Started SCADA upgrades inside of Water Plant	Improvement of internal software controls
Jan.	Hired vendor to upgrade efficiency of the ozone system	Better oxidation and disinfecting
Jan.	Started jar testing	Assists in dosage amounts and polymer aids
Feb.	Hired consultant Veolia for process review	Professional recommendations
Feb.	Leased and installed TTHM analyzer	Increased internal testing ability
Feb.	Adjustments to reservoir level to match demand	Reduce time of water in system