



Dear Genesee Water and Sanitation District Customers,

We are proud to announce the Genesee Water and Sanitation District was awarded the 2017 Water System of the Year by Colorado Rural Water Association, and Genesee drinking water is now some of the best quality in the State!

Thank you for supporting the needs of the District over the past four years. It has been a busy time, with several major system improvements completed which will serve District customers well for many years to come. These improvements required outside funding, contract engineering disciplines, bidding and contracting services, staff training, and operations implementation.

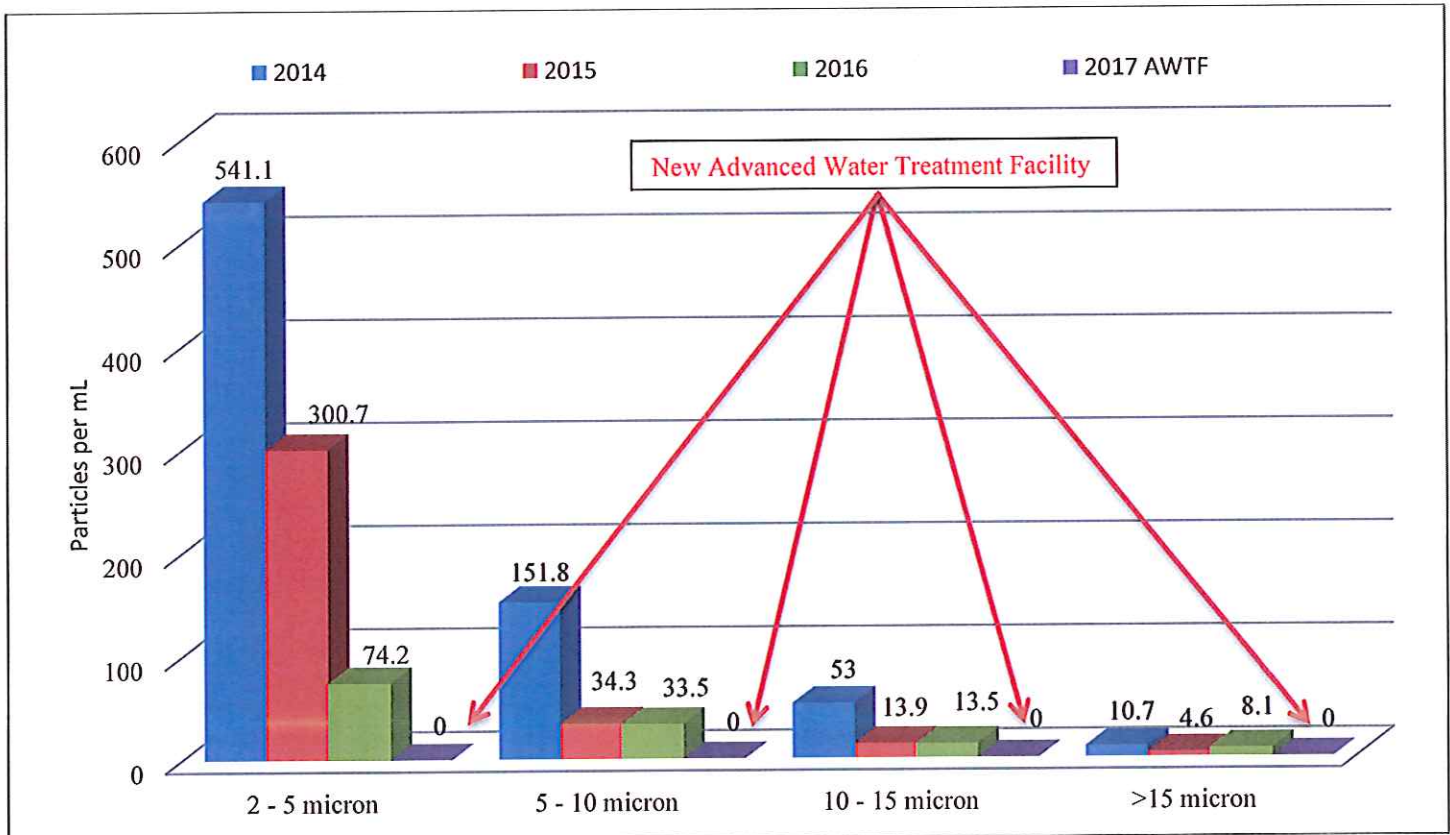
The most critical and expensive project was construction of a new Advanced Water Treatment Facility (AWTF). As previously communicated to our customers, the District's primary challenge was meeting current and future drinking water quality standards with our then vintage (1982) water treatment plant. Despite a well trained staff, the treatment process was fragile and the District could not be assured that prevailing drinking water standards would be met, necessitating construction of a new facility.

Other improvements included replacement of original 1970's mainline pumping equipment and several original mainline pressure reducing stations. Also, replacement of customers' current water meters with radio read capable meters is ongoing and approximately 70% complete.

Funding for the above projects evolved into three separate financing actions with interest rates ranging from 0% to 2.25%. We are happy to report that all major projects were completed as planned and within budget.

We would like to take this opportunity to share with our customers details on the most beneficial and successful component of the capital replacement program, the new drinking water treatment facility. Benefits of the new drinking water facility are depicted below in various graphs of critical drinking water standards for which we test. Results are presented before and after implementation of the new AWTF.

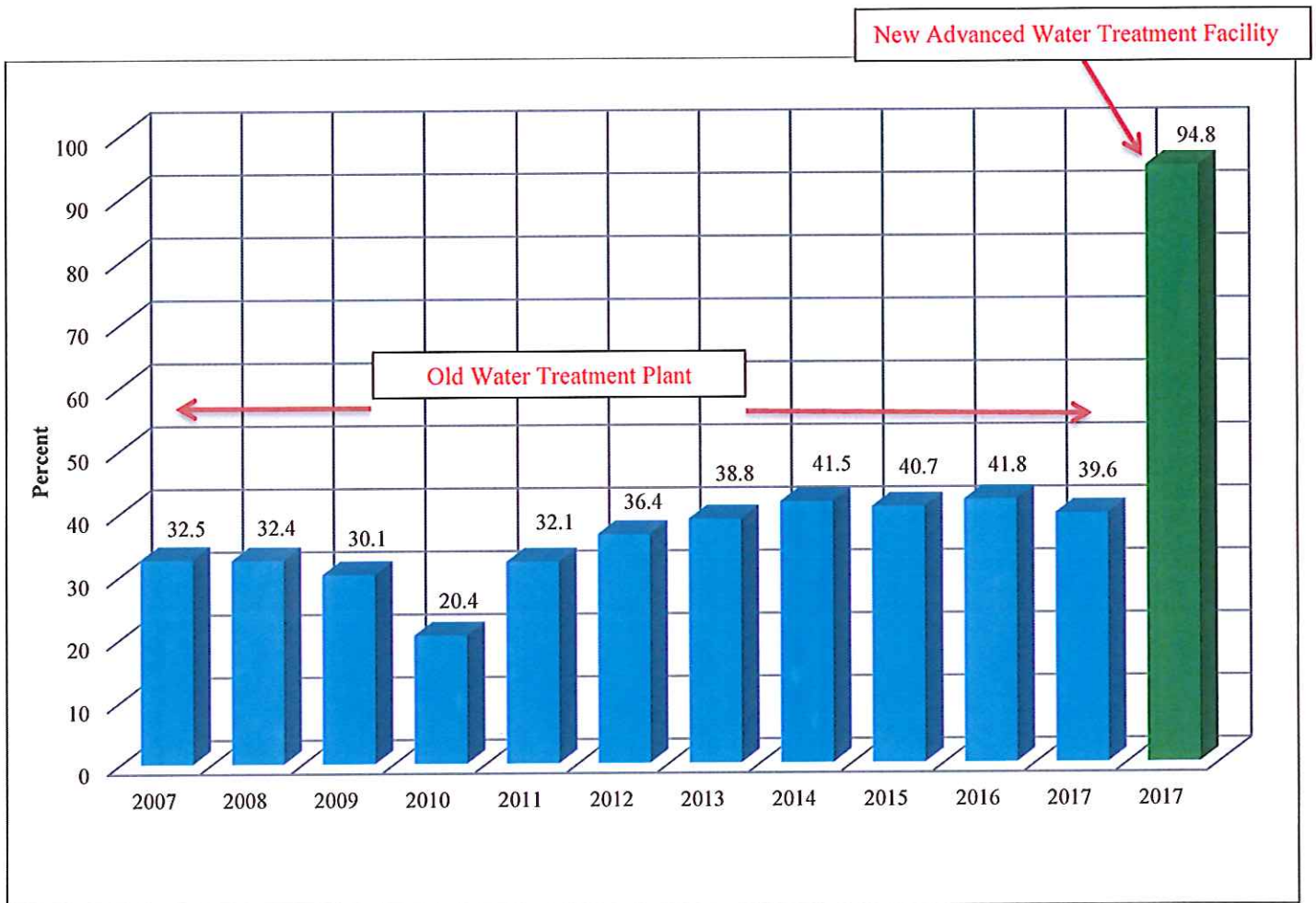
Impurities in our raw water including biological, chemical and organic are delivered to our treatment facility in different forms, some as suspended particles of various sizes and some as dissolved compounds. The sizes of harmful suspended compounds as well as pathogenic protozoans and parasites such as giardia lamblia and cryptosporidium are known, and those size ranges are the highest priority for elimination. Electronic counters measuring the number of particles in different sizes are employed to validate the quality of finished water. Results of particle counts are reflected on the graph below (the lower the bar, the greater the removal and quality).



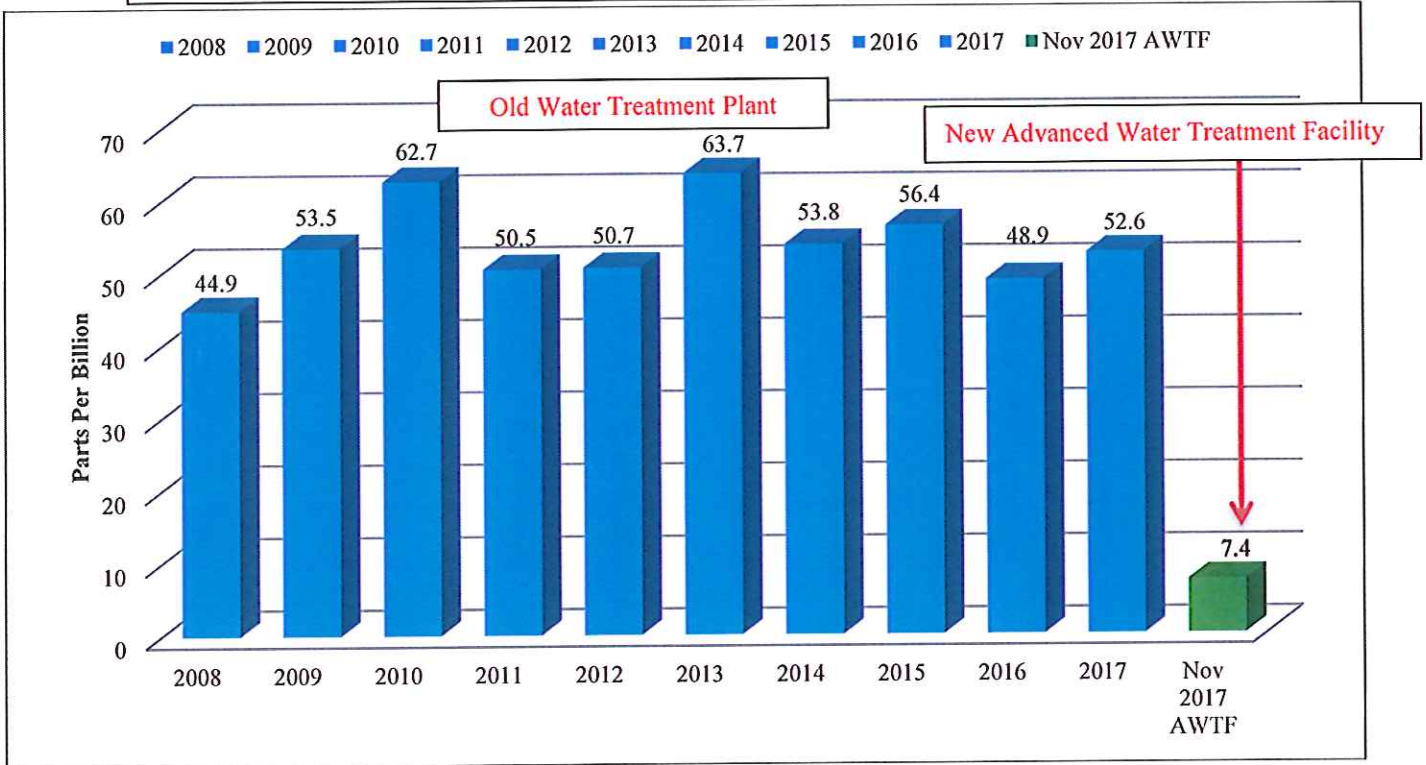
Our Bear Creek source water contains organic carbon compounds, some of which can be indirectly harmful to human health. For that reason, the Colorado Department of Public Health and Environment (CDPHE) publishes standards for the removal of total organic carbon compounds (TOC). The standard generally requires removal of 35% of the TOC though it can vary for us from 25%-45% dependent upon the level of TOC contained in the source water.

The following three graphs are related because TOC is a precursor to the formation of disinfection byproducts (DBP's), the two most commonly known and generally classified as Total Trihalomethanes (TTHM's) and Halocetic Acids (HAA5's), both of which are potentially cancer causing compounds. Essentially, a higher removal percentage of TOC results in a reduction in formation of DBP's.

Below is a graph reflecting before and after TOC removal.

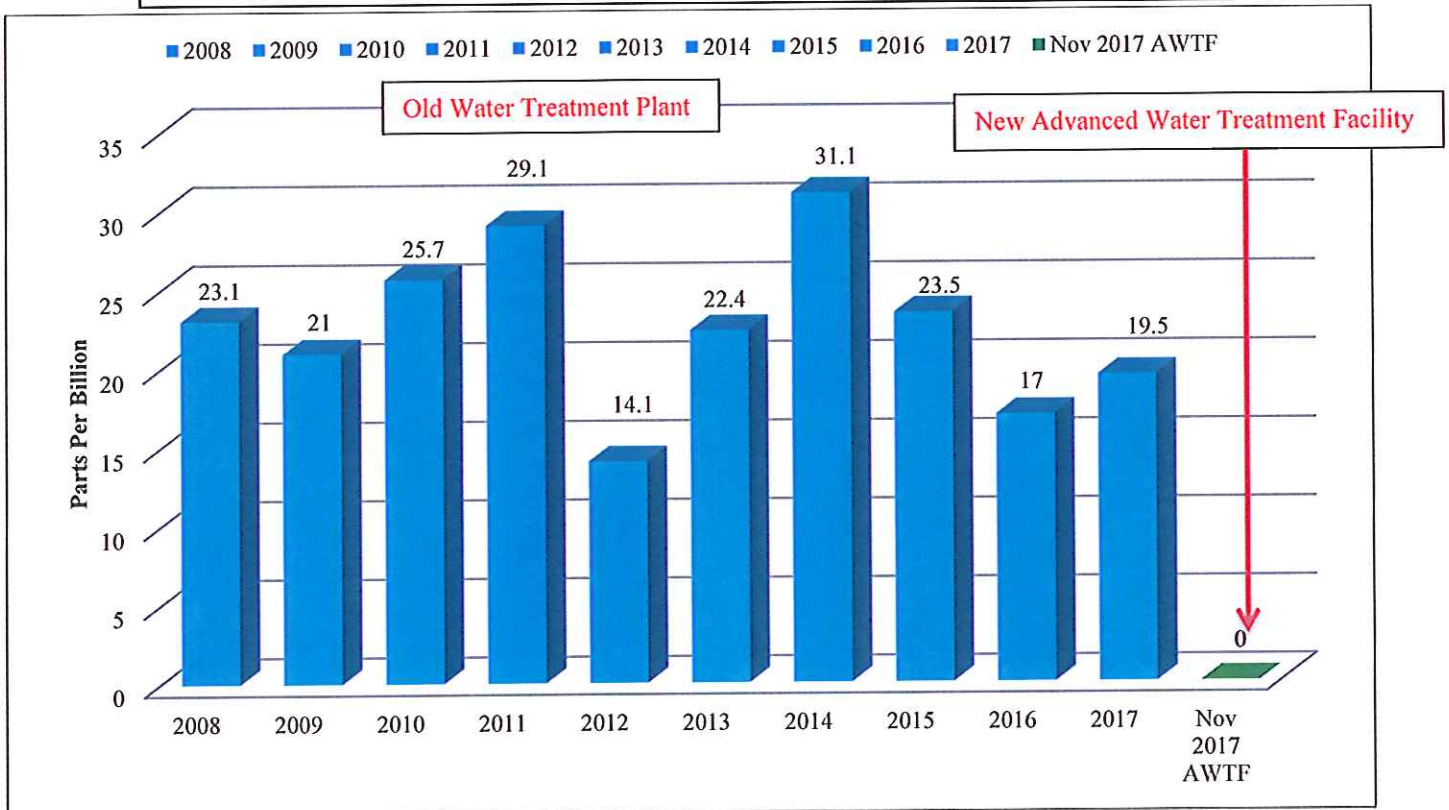


Total Trihalomethanes – Maximum Running Annual Average Allowable is 80 Parts per Billion



Of Note – One quarterly TTHM sample exceeded the maximum allowable in 2010.

Halocetic Acids – Maximum Running Annual Average Allowable is 60 Parts per Billion



Water quality testing by the District is comprehensive and broad in scope. The test data listed below does not include everything tested but is intended to give you a snapshot of recent sample data from the new AWTF. All other tested contaminants including bacteriological and radionuclides, remain well below all published drinking water quality standards. For a complete listing of recent results, please contact the District Office at 303-278-9780.

Volatile Organic Group – Sample results for all compounds are below detectable limits (BDL)

1,1,1 Trichloroethane	Benzene	Ethylbenzene	Toluene
1,1,2 Trichloroethane	Carbon Tetrachloride	o-Dichlorobenzene	trans-1,2 Dichloroethylene
1,1 Dichloroethylene	Monochlorobenzene	Para-Dichlorobenzene	Trichloroethylene
1,2,4 Trichlorobenzene	cis-1,2 Dichloroethylene	Styrene	Vinyl chloride
1,2 Dichloroethane	Dichloromethane	Tetrachloroethylene	Xylenes (total)
1,2 Dichloropropane			

Synthetic Organic Group – Sample results for all compounds are below detectable limits (BDL)

Dibromochloropropane	Benzo(a)pyrene	Endothall	Methoxychlor
2,4, - D	Carbofuran	Endrin	Oxamyl
2,4,5-TP	Chlordane	Ethyl dibromide	Pentachlorophenol
Alachlor	Dalapon	Heptachlor	Picloram
Aldicarb	Di(2-ethylhexyl)adipate	Heptachlor epoxide	Polychlorinated biphenyl's
Aldicarb sulfone	Di(2-ethylhexyl)phthalate	Hexachlorobenzene	Simazine
Aldicarb sulfoxide	Dinoseb	Hexachlorocyclopentadiene	Toxaphene
Atrazine	Diquat	Lindane	

Inorganic Group – (MCL = maximum contaminant level allowed)

	MCL	Result mg/L		MCL	Result mg/L
Antimony	0.006	BDL	Mercury	0.002	BDL
Arsenic	0.01	BDL	Nickel	No Limit	BDL
Barium	2.0	0.035	Selenium	0.05	BDL
Beryllium	0.004	BDL	Sodium	No Limit	13.8
Cadmium	0.005	BDL	Thallium	0.002	BDL
Chromium	0.1	BDL	Fluoride	4.0	0.23

Secondary Contaminants

Sampling not required, non-enforceable suggested secondary maximum contaminant levels (Suggested MCL)

	SMCL	Result mg/L		SMCL	Result mg/L
Aluminum	0.2	0.009	Potassium	50	1.8
Chloride	250	38.9	Silver	0.1	<0.0001
Iron	0.3	<0.005	Sulfate	250	10.1
Magnesium	125	4.92	Total Dissolved Solids	500	164
Manganese	0.05	<0.0008	Zinc	5.0	<0.001

Sincerely,

The Management, Staff, and Board of Directors of Genesee Water and Sanitation District.