

Quality drinking water is an essential resource. The good news is your tap water is top quality. Our water meets all federal and state standards.

The City of Trenton is pleased to present the

Trenton Water Works is a public community water system serving approximately 205,000 customers. This system's source water is drawn from Delaware River through an intake north of the Calhoun St. Bridge. The water is treated at the TWW Filtration plant on Route 29 S, and piped to the distribution system.

Susceptibility Ratings for Trenton Water Works Sources

The eight contaminant categories are defined at the bottom of the opposite page. DEP considered all surface water highly susceptible to pathogens, therefore all intakes received a high rating for the pathogen category.

If a system is rated highly susceptible for a contaminant category, it does not mean a customer is or will be consuming contaminated drinking water. The rating reflects the potential for contamination of source water, not the existence of contamination.

Source Water Assessment for Trenton Water Works

	Pathogens			Nutrients			Pesticides			Volatile Organic Compounds			Inorganics			Radio-nuclides			Radon			Disinfection Byproduct Precursors		
Sources	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Wells - 0																								
GUDI - 0																								
Surface water	1			1			1			1			1			1			1	1				

Notice to Landlords
You are required by law to make this report available to all water consumers. Please post in a visible location or distribute to all tenants. Additional copies are available by calling 609-989-3208

Trenton Water Works
P.O. Box 528
Trenton, NJ 08604-0528

For More Information:

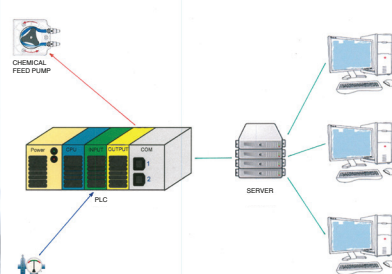
Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants

a database that accumulates time-stamped data and records events and alarms which can be queried or used to populate graphic trends.

Then and Now

Then: filter bed controls

One of the newer control systems in the plant is the SCADA (supervisory control and data acquisition) system. It is a system operating with coded signals over communication channels to provide control of remote equipment and to acquire data about the status of the equipment for display or for recording functions. The SCADA system consists of some of the following components: RTUs (remote terminal units) and PLCs (programmable logic controllers) which are both used to connect to sensors in the process and convert sensor signals to digital data, HMI (human-machine interface) which presents processed data to a human operator and Historian which is



The diagram illustrates the SCADA system architecture. On the left, a 'CHEMICAL FEED PUMP' is connected via a red line to a 'PLC' (Programmable Logic Controller). The PLC is a rack-mounted unit with four modules labeled 'POWER', 'CPU', 'I/O', and 'COMM'. Below the PLC, a 'PRESSURE' sensor is connected via a blue line. To the right of the PLC is a 'SERVER' rack. The server is connected to three computer workstations, each consisting of a monitor, keyboard, and mouse. The workstations are labeled 'HMI' (Human Machine Interface) and 'HISTORIAN'.



