

History of the Fremont City Waterworks

1883	Original Fremont City Waterworks. Consisted of an open reservoir and infiltration galleries from the Sandusky River. Two steam powered pumping units pumped partially settled water unsuitable for drinking to a standpipe 100 feet high by 25 feet diameter (356,000 gallons) located at Fountain Park. The distribution system consisted of ten miles of mains and 856 service connections with ten of them metered. Potable water was supplied by various wells around the city.	
1927-1928	Water treatment plant constructed at Rodger Young Park.	
	Treatment plant/pumping capacity	3 million gallons per day (MGD)
	Treated water storage capacity	450,000 gallon clearwell at treatment plant 300,000 gallon elevated tank at Whittlesey St.
1950 -1953	Treatment plant capacity expansion	Increased plant capacity to 6 MGD
	Treated water storage expansion	Additional elevated storage tank constructed: 500,000 gallons at Wilson St.
		Additional clearwell constructed 550,000 gallons at treatment plant
1959	Treated water storage expansion	Additional elevated storage tank constructed: 500,000 gallons at Walnut St.
	Raw water intake improvements	Purchased Ballville Dam from Ohio Power Company for use as gravity flow raw water intake, capacity 12 MGD
1969	Treated water pumping expansion	New high service pumps installed: 2 @ 3MGD, 2 @ 6MGD
	Raw water intake improvements	Concrete repairs at Ballville Dam.
	Treated water storage expansion	Additional elevated storage tank constructed: 2,000,000 gallons at Cedar St.
1971-1972	Sludge handling improvements	Centrifuge installed for dewatering lime sludge Construction of filter backwash water holding basin and recycling pumps
	Chemical Feed improvements	New chlorine storage building and dry chemical Feeders
1981	Sludge handling improvements	Construction of 3 new sludge-drying lagoons Abandoned original sludge lagoon
1982	Filter media improvements	Existing sand and anthracite filter media replaced with granular activated carbon for taste and odor control

History of the Fremont City Waterworks

1983-1984	Building improvements	Constructed new building for administrative offices, chemical, and microbiological labs
1989	Whittlesey St. elevated storage tank demolished after 62 years of service	
1989-1990	Filter improvements	New filter underdrain system and media New valves and controls for filters installed New filter backwash pump installed
	Electrical improvements	Constructed back up power generator for emergency power
1994-1996	Treatment plant capacity expansion	Treatment plant capacity: 10.5 MGD Filter capacity: 7 MGD
2002	Raw water storage improvements	Land purchase of approximately 145 acres southwest of the City of Fremont in Ballville Township. Future site of 700 million gallon raw water storage reservoir to be completed in 2013
2004-2006	Treatment plant capacity expansion	Treatment plant capacity: 14 MGD Increased treatment chemical storage Eight additional filters Additional 1 million gallon clearwell
	Treated water pumping expansion	Two additional high service pumps Pump capacities: 1 @ 3MGD, 1 @ 6MGD Total pumping capacity: 22.6 MGD
	Sludge handling improvements	Construction of sludge thickener and press Building. Improvements at existing sludge lagoons.
	Distribution system Improvements	16,000 feet of 16" and 24" waterlines
2008	Raw water storage improvements	Design, bidding, and groundbreaking of 700+ MG raw water storage reservoir. Accelerated design and construction schedule to provide completion of reservoir in 2011.