

# Physical Infrastructure Spreadsheet

WATER	PLANT	Groundwater - Aeration & Iron/Manganes Filtration with Gas Chlorination & Polyphosphate Feed (Corrosion & Lead/Copper control)
	CAPACITY	150 GPM
	MAIN SIZE	Varies 4" to 6"
	PRESSURE	~56 PSI at Tower High Water Level (HWL), ~42 PSI at Tower High Water Level (HWL)

WATER TOWER	CAPACITY	125,000 Gallons
-------------	----------	-----------------

WASTEWATER	PLANT	Controlled Discharge, 2-Cell Waste Stabilization Lagoon
	CAPACITY	Average Wet Weather = 0.1100 Million Gallons Per Day, 5-day Biochemical Oxygen Demand = 120 lbs/day
	MAIN SIZE	18" to the Lagoons

STORM SEWER	Storm sewer discharges at multiple locations before final delivery to the East Fork of the Des Moines River	
-------------	---	--

ELECTRIC		
Mid American Energy	PRIMARY VOLTAGE (kV)	13.2 kV ~ 3 Phase

NATURAL GAS		
	MAIN SIZE	
	PRESSURE	