



GROWTH DIMENSIONS

ECONOMIC DEVELOPMENT

Belvidere ■ Boone County ■ Illinois

City of Belvidere Water & Sewer Taxes

Water Service

Source	7 wells, ranging from 120 ft. to 1800 ft. deep
Max 24 hr. pump capacity	10.3 million gallons a day
Daily Average Pumped	3.17 million gallons
Daily Record Pumped	6.84 million gallons
Reserve Capacity	3.035 million gallons
Water Pressure	60-90 lbs.
Treatment	
Chlorine	10 lbs/million gallons
Fluoride	30-40 lbs/million gallons or 0.9-1.2 mg/1
Hardness	19-28 grains
Temperature	52 degrees

Charges

Billing – water	\$6.50/bill, \$1.35 per 100 cubic feet
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Waste Water Treatment

Capacity	5.8 million gallons/day D.A.F.-D.M.F. 9.85 M.G.D.
Excess Capacity	1.4 Million gallons/day
Treatment Type	Complete activated sludge mix. Tertiary treatment
User charge for Flow, BOD and TSS	\$1.92/100 cubic foot \$19.50/100 pounds Biochemical Oxygen Demand (BOD) in excess of 200 mg/1" \$9.36/100 pound Total Suspended Solids (TSS) in excess of 260 mg/1 (liter)* *Surcharge only

Sampling Analysis Charge

Analysis	
<u>Charges</u>	<u>Digested</u>

Chromium, Total	11.00	21.00	C.O.D.
18.00			
Copper	11.00	21.00	Chlorine, Free
5.00			
Nickel	11.00	21.00	Dissolved Oxygen
5.00			
Zinc	11.00	21.00	C-BOD 5
18.00			
Lead	11.00	21.00	Suspended Solids
Cyanide, Total	15.00+\$10 for distillation		Total
10.00			
Cyanide, Total-Distilled	25.00		Fecal Coliform
15.00			
Chlorine, Total	5.00		pH 5.00
			NH3 (ammonia) 20.00