

UNITS OF MEASUREMENT

<u>Measurement</u>	<u>U.S. System</u>	<u>International System</u>
Linear	inch (in)	millimeter (mm)
	foot (ft)	centimeter (cm)
	mile (mi)	meter (m)
		kilometer (km)
Area	square inch (in ²)	square meter (m ²)
	square foot (ft ²)	hectare (ha)
	square mile (mi ²)	
	acre (ac)	
Time	second (sec)	second (s)
	minute (min)	minute (min)
	hour (h or hr)	hour (h or hr)
	day (d)	day (d)
Velocity	feet/second (ft/sec)	meters/second (m/s)
Volume	gallon (gal)	liter (L)
	million gallons (MG)	cubic meter (m ³)
	acre-feet (ac-ft)	
Flow	gallons/minute (gpm)	liters/minute (L/min)
	million gallons/day (MGD)	cubic meters/second (m ³ /s)
	standard ft ³ /minute (scfm)	standard m ³ /minute (m ³ /min)

UNITS OF MEASUREMENT (Continued)

<u>Measurement</u>	<u>U.S. System</u>	<u>International System</u>
Weight	ounce (oz)	gram (g)
	pound (lb)	
Density	pound-mass/cubic foot (lb/ft ³)	grams/liter (g/L)
Pressure (Head)	pounds-force/square inch (psi)	kilopascal (kPa)
		atmosphere (atm)
Energy	BTU	Joules
	horse power-hour (hp-hr)	kilowatt-hour (kWh)
Power	horsepower (hp)	Watts (W)
Temperature	centigrade (°C)	Celsius (C)
	Fahrenheit (°F)	
Slope	inches/foot (ipf)	meters/meter (m/m)
Concentration	pounds/gallon (lbs/gal)	moles/liter (mol/L)
	pounds/cubic foot (lbs/ft ³)	
	parts per million (ppm)	parts per million (ppm)
	parts per billion (ppb)	parts per billion (ppb)

The above summary of U. S. customary units and units specified for the International System is based on a report by the AWWA Metrication Committee (AWWA, 1982).