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LIST OF ABBREVIATIONS

Tb	=	Turbidity
NTU	=	Nephelometric turbidity unit
Δh	=	Head loss across bed depth (mm)
d_M	=	diameter of particle of microscopic analysis (μm)
d_D	=	diameter of particle of digital camera analysis (μm)
ΔL_L	=	Expanded depth (cm)
θ	=	Hydraulic detention time in bed (s)
μ	=	absolute viscosity (g/cm-s)
d_s	=	diameter of collector (mm)
v	=	hydraulic rate (m^3/m^2-h)
V_s	=	settling velocity (m^3/m^2-h)
w	=	the settling velocity occurred (m^3/m^2-h)
ρ_f	=	mass density of floc (g/cm^3)
ρ_l	=	mass density of liquid (g/cm^3)
g	=	acceleration due to gravity (m/s^2)