

List of Abbreviations

COD	Chemical oxygen demand
DO	Dissolved oxygen
DGPS	Differential global position system
ISE	Ion selective electrode
EC	Electrical conductivity
Fe	Iron
FeCl₃	Feric chloride
GIS	Geoinformaticsinvironmental system
h	Potentiometric head
HCO₃⁻	Bicarbonte ion
HCl	Hydrogen chloride
H₂SO₄	Sulphuric acid
HNO₃	Nitric acid
IDW	Inverse Distance Weight
IIR	Indian infrastructure report
K	Potassium
K_{xx}, K_{yy}, K_{zz}	Hydraulic conductivity along the x, y and z coordinate axes
KCl	Potassium chloride
K₂HPO₄	Potassium bi phosphate
LPI	Leachate pollution index

mg/l	Milligram per liter
Mg	Magnesium
MgSO₄	Magnesium sulphate
Mn	Manganese
MSW	Municipal solid waste
MODFLOW	MODFLOW Modular finite-difference flow model
MT3D	Mass transfer 3 dimensional
Na	Sodium
ND	Not detectable
NH₄⁺	Ammonium ion
Ni	Nickel
NO₃⁻	Nitrate ion
Pb	Lead
PO₄³⁻	Phosphate
ANSA	1-amino-2-naphthal-4-sulphonic acid
pH	Power of hydronium ion
ppb	part per billion
SO₄²⁻	Sulphate ion
SPSS	Statistical Package for the Social Sciences
TPD	Tons per day
TDS	Total dissolved solid
TA	Total alkalinity
TH	Total hardness
US-EPA	United state –Environmental protection agency

VFA	Volatile fatty acids
W	Well
H	Hand pump
WHO	World health organization
WQI	Water quality index
Ss	Specific storage
Sy	Specific yield
Zn	Zinc
wi	weight factor
pi	sub-index score