

Abbreviations

pH	Potential of hydrogen
EC	Electrical conductivity
TA	Total alkalinity
TH	Total hardness
TSS	Total suspended solids
TDS	Total dissolved solids
DO	Dissolved oxygen
BOD / BOD₅	Biochemical oxygen demand
COD	Chemical oxygen demand
TN	Total nitrogen
TS	Total sulphate
TP	Total phosphate
OM	Organic matter
TOC	Total organic carbon
DOM	Dissolved organic matter
P	Phosphorus
Na	Sodium
N	Nitrogen
C	Carbon
K	Potassium
Cl⁻	Chloride
Cr	Chromium
Ni	Nickel
Cu	Copper
Pb	Lead

Zn	Zinc
Cd	Cadmium
Fe	Iron
Hg	Mercury
As	Arsenic
Se	Selenium
Mn	Manganese
NO₂⁻	Nitrite
NO₃⁻	Nitrate
PO₄³⁻	phosphate
SO₄²⁻	Sulfate
NH₃	Ammonia
[SiO_{2+n}]²ⁿ⁻	Silicate
HNO₃	Nitric acid
HCl	Hydrochloric acid
PRM	Pre-monsoon
POM	Post-monsoon
M	Monsoon
C_f	Contamination factor
E_f	Enrichment factor
I_{geo}	Geo-accumulation index
PLI	Pollution load index
E_r	Ecological risk factor
RI	potential risk index
BIS	Bureau of Indian Standards
WHO	World Health Organization

FEPA	Federal Environmental Protection Agency
MPAs	Marine Protected Areas
ZMB	Zobell Marine Broth
PCR	Polymerase chain reaction
DNA	Deoxyribonucleic acid
rpm	Rotation per minutes
EDTA	Ethylenediamine tetraacetic acid
NCBI	National Center for Biotechnology Information
BLAST	Basic Local Alignment Search Tool

<i>Units</i>	
°C	Degree Celsius
g	Gram
mg L ⁻¹ or mg/L	Milligram per litre
g L ⁻¹	Gram per litre
mg/kg	Milligram per kilogram
µg g ⁻¹ or µg/g	Microgram per gram
µg	Microgram
%	Percentage
kg/ha	Kilogram per hectare
dS/m	Deci-siemens per metre
µS/m	Micro- siemens per metre
NTU	Nephelometric turbidity unit
h	hours
L	Litre
ppm	Parts per million
ppt	Parts per trillion
M	Molar
mM	Millimolar