

List of Symbols and Abbreviations
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AAS	: Atomic Absorption Spectrophotometer
Ag	: Silver
Al	: Aluminum
APHA	: American Public Health Association
As	: Arsenic
ATSDR	: Agency For Toxic Substances and Disease Registry
Ba	: Barium
BDL	: Below Detectable Level
Be	: Beryllium
BIS	: Bureau of Indian Standard/Speciation
BOD	: Biological Oxygen Demand
CaCO ₃	: Calcium Carbonate
CCME	: Canadian Council of Ministers of the Environment
Cd	: Cadmium
CIFRI	: Central Inland Fisheries Research Institute
Cl	: Chloride
CO	: Cobalt
CO ₂	: Carbon dioxide
COD	: Chemical Oxygen Demand
CPCB	: Central Pollution Control Board
Cr	: Chromium
Cu	: Cupper
D	: Dominant index
DO	: Dissolved Oxygen

E	: Evenness index
e.g.	: Example
ERL	: Environmental Research Laboratory
et al	: Et alia (and others)
etc.	: Etcetera
EUS	: Epizootic Ulcerative Syndrome
Fe	: Iron
FAO	: Food and Agricultural Organization of the United Nations
g	: Gram
GAI	: Geo- Accumulation Index
GESAMP	: Joint Group of Experts on the Scientific Aspects of Marine Environmental Protection
H'	: Shannon index
Ha	: Hectare
HCl	: Hydrochloric Acid
Hg	: Mercury
Hg ₂ SO ₄	: Mercurous Sulfate
HLL	: Hindustan Lever Limited
HNO ₃	: Nitric Acid
H ₂ SO ₄	: Sulfuric Acid
ICAR	: Indian Council of Agricultural Research
i.e.	: That is
IOC	: Indian Oil Corporation
J'	: Pielou's Evenness index
K	: Potassium

$K_2Cr_2O_7$	:	Potassium di chromate
Kg	:	Kilogram
KI	:	Alkaline Iodine
Km	:	Kilometer
L	:	Liter
Ltd.	:	Limited
μ	:	Micron
Me	:	Methyl
MEF	:	Metal Enrichment Factor
mg	:	Milligram
Mn	:	Manganese
$MnSO_4$	:	Manganese Sulfate
MT	:	Metric ton
N	:	Nitrogen
(N)	:	Normality
Na	:	Sodium
$Na_2S_2O_3$	:	Sodium Thiosulphate
NFL	:	National Fertilizers Limited
NH_4^+	:	Ammonia
Ni	:	Nickel
NO_2	:	Nitrogen Dioxide
NO_3	:	Nitrate
NRCD	:	National River Conservation Directorate
NTPC	:	National Thermal Power Corporation
OME	:	Ontario Ministry of Environment

P	: Phosphorus
Pb	: Lead
pH	: Potential of hydrogen
PO ₄	: Phosphate
ppt.	: Parts per thousand
Sb	: Antimony
SD	: Standard Deviation
Sn	: Tin
SiO ₃	: Silicate
SO ₄	: Sulfate
SPSS	: Statistical Package for the Social Sciences
TA	: Total Alkalinity
TEL	: Threshold Element Level
TOC	: Total Organic Carbon
US EPA	: United State Environmental Protection Agency
V	: Volume
WHO	: World Health Organization
WQI	: Water Quality Index
WWF	: World Wildlife Fund for Nature
m ³ /d	: Cubic Metter per day
%	: Percent
<	: Lesser than
>	: Greater than
±	: Plus or minus
~	: Approximate

Yr : Year

Zn : Zinc