

## *List of Abbreviation*

Al	Aluminium
APHA	American Public Health Association
BDL	Below Detectable Limit
BIS	Bureau of Indian Standards
BMI	Body Mass Index
BOD	Biological Oxygen Demand
C	Centigrade
Ca	Calcium
Cd	Cadmium
Co	Cobalt
COD	Chemical Oxygen Demand
Cr	Chromium
Cu	Copper
DO	Dissolved Oxygen
EC	Electrical Conductivity
Fe	Iron
GIDC	Gujarat Industrial Development Corporation
GIS	Geographic Information System
gm/l	Gram per Litre
Govt.	Government
GPS	Global Positioning System
GSFC	Gujarat State Fertilizer and Chemical Limited
GACL	Gujarat Alkalies and Chemical Limited
IOCL	Indian Oil Corporation Limited
INFLIBNET	Information and Library Network
IPCL	Indian Petrochemical Limited
IWDS	Industrial Waste Disposal Sites
K	Potassium
l/s	Litres per Second
m	Metre
M.S.L.	Mean Sea Level
Mg	Magnesium

mg/kg	Miligram per Kilogram
mg/l	Miligram per Litre
mm	Millimetre
Na	Sodium
NH	National Highway
Ni	Nickel
NO <sub>2</sub>	Nitrite
NO <sub>3</sub>	Nitrate
ONGC	Oil and Natural Gas Corporation
OS	Other Sources
Pb	Lead
pH	Potential of Hydrogen
PHC	Primary Health Centers
PHED	Public Health Engineering Department
PHC	Primary Health Centres
PVC	Polyvinyl Chloride
s/cm-1x 10 <sup>-3</sup>	Siemens/centimeter
SDFCL	S D Fine-Chem Limited
SPSS	Statistical Package for the Social Sciences
sq. km.	Square kilometre
SS	Suspended Sediment
TDS	Total dissolved solids
TGW	Treated Ground Water
Th	Thorium
TN	Total Nitrogen
TP	Total Phosphorus
TRW	Treated River water
UGW	Untreated Ground Water
UV/VIS	Ultraviolet/Visible
µm	Micrometre
WHO	World Health Organization
Zn	Zink