

Abbreviations Used

Abbreviation	Full Name
AIBP	Accelerated Irrigation Benefit Programme
ASI	Archeological Survey of India
BOD	Biological Oxygen Demand
BCR	Benefit Cost Ratio
BH	Bore Hole
BIS	Bureau of Indian Standards
BM	Bench Mark
CA	Catchment Area
Ca	Calcium
CaCO ₃	Calcium Carbonate
CaCl	Calcium Chloride
CAD	Command Area Development
CaHCO ₃	Calcium Hydro Carbonate
CBL	Canal Bed Level
cc	Cement Concrete
CCA	Culturable Command Area
CD	Cross Drainage
⁰ C	Degree Celsius
CE	Chief Engineer
CEIA	Comprehensive Environment Impact Assessment
CETP	Common Effluent Treatment Plant
Co	Cobalt
COD	Chemical Oxygen Demand
CGWB	Central Ground Water Board
Cl	Chloride
CM	Cross Masonry
cm	Centimetre
CPCB	Central Pollution Control Board

Abbreviation	Full Name
CS	Cross Section
Cr	Chromium
CSMRS	Central Soil and Materials Research Station
CSIR	Council of Scientific & Industrial Research
Cu	Copper
Cum	Cubic metre
Cumec	Cubic metre per second
Cusec	Cubic feet per second
CWC	Central Water Commission
CWSS	Cauvery Water Supply Scheme
d/s	Downstream
DH	Drill Hole
DLRB	Double Lane Road Bridge
DO	Dissolved Oxygen
DPR	Detailed Project Report
DSL	Dead Storage Level
DT	Double Track
DTL	Double Tertiary Levelling
E	East
EC	Electrical Conductivity
EIA	Environmental Impact Assessment
EL	Elevation Level
EMP	Environmental Management Plan
ERT	Electrical Resistivity Tomography
Eto	Evapo-transpiration
Ex.	Existing
F	Fluoride
Fe	Ferrous (Iron)
Fig.	Figure
FM	Finness Modulus

Abbreviation	Full Name
FRL	Full Reservoir Level
FSD	Full Supply Depth
FSL	Full Supply Level
G&D	Gauge & Discharge
GCA	Gross Command Area
GIR	Gross Irrigation Requirement
G.O	Government Order
Govt.	Government
GSI	Geological Survey of India
GTS	Great Trigonometrical Survey
GWT	Ground Water Table
H	Horizontal
ha	hectare
HP	Horse Power
hr	Hour
ham	hectare-metre
HEP	Hydro Electric Project
HFL	High Flood Level
IGNS	Indira Gandhi Nahar Scheme
IS	Indian Standards
IMD	India Meteorological Department
i.r.o	In respect of
IRR	Internal Rate of Return
Irr.	Irrigated
K	Potassium
km	Kilometre
km ²	Sq.km
km/hr.(kmph)	Kilometre per hour
Kwh	Kilowatt hour
LARR	Land Acquisition, Rehabilitation and Resettlement

Abbreviation	Full Name
LBC	Left Bank Canal
LS, L-Sec	Longitudinal Section
lpm/m	Litres per minute per metre
Ltr.	Letter
lit	litre
m	Metre
MAP	Mass Awareness Programme
MCM	Million Cubic Metre
MDDL	Minimum Draw Down Level
Mg	Magnesium
Mg/l	Milligram per litre
Min.	Minimum
mm	Millimetre
Mm ³	Million Cubic Metre
MoEF	Ministry of Environmental & Forests
MoU	Memorandum of Understanding
MoWR	Ministry of Water Resources
MS	Mild Steel
MSL	Mean Sea Level
MT	Metric Tonnes
MWL	Maximum Water Level
m/year	Metre per year
Max.	Maximum
Min.	Minimum
N	North
NA	Not Applicable
Na	Sodium
NaCl	Sodium Chloride
NGRI	National Geographic Research Institute
NH	National Highway

Abbreviation	Full Name
NHAI	National Highways Authority of India
No.	Number
Nos.	Numbers
NBSS & LUP	National Bureau of Soil Survey & Land Use Planning
NO ₃	Nitrate
NPP	National Perspective Plan
NSL	Natural Surface Level
NWDA	National Water Development Agency
OFD	On Farm Development
PAP	Project Affected People
PBM	Permanent Bench Mark
Pb	Lead
PFR	Pre-Feasibility Report
PH	Power House
POL	Petrol Oil Lubricants
PPR	Preliminary Project Report
Pv	Photo Voltaic
PWD	Public Works Department
PWI	Permanent Way Inspector
R&R	Resettlement & Rehabilitation
RCC	Reinforced Cement Concrete
RD	Reduced Distance
RH	Relative Humidity
RL	Reduced Level
SC	Scheduled Caste
SE	Superintending Engineer
SEIAA	State Environmental Impact Assessment Authority
SI	Serial
SOI	Survey of India
SOR	Schedule of Rates

Abbreviation	Full Name
SO ₂	Sculpture dioxide
SO ₄	Sulphate
SPT	Standard Penetration Test
sq km	Square Kilometre
SSR	Standard Schedule of Rates
ST	Scheduled Tribe
STL	Single Tertiary Levelling
t	tonnes
T&P	Tools & Plants
TAC	Technical Advisory Committee
TBM	Temporary Bench Mark
Tech.	Technical
T/ha	Tonnes per hectare
TMC	Thousand Million Cubic feet
TNAU	Tamil Nadu Agricultural University
ToR	Terms of Reference
T.P	Turning Point
T.S	Topo Sheet
TWL	Tail Water Level
u/s	Upstream
U.irr	Un-irrigated
UWBS	Updated Water Balance Study
V	Vertical
Vol.	Volume
W	West
WMTP	Water Management Training Programme
WPT	Water Permeability Test
WR	Water Resources
WRD	Water Resources Department
WRO	Water Resources Organisation

Abbreviation	Full Name
WRDO	Water Resources Development Organisation
w.r.t	with reference to
X-Sec	Cross Section
Zn	Zinc