

ABBREVIATIONS USED

Abbreviation	Full Name
As	Arsenic
BOD	Biological Oxygen Demand
BCM	Billion Cubic Meter
BG	Broad Gauge
BH	Bore Hole
BHPC	Bihar State Hydroelectric Power Corporation
BIS	Bureau of Indian Standard
BM	Bench Mark
BPL	Below Poverty Line
CA	Catchment Area
Ca	Calcium
CaCO ₃	Calcium Carbonate
CAD	Command Area Development
CAT	Catchment Area Treatment
CBIP	Central Board of Irrigation & Power
cc	Cement Concrete
CCA	Culturable Command Area
CD	Cross Drainage
Cd	Cadmium
°C	Degree Celsius
CE	Chief Engineer
CEA	Central Electricity Authority
Cfm	Cubic feet metre
Co	Cobalt
COD	Chemical Oxygen Demand
CGWB	Central Ground Water Board
Cl	Chloride
CM	Cross Masonry
cm	Centimetre
CMO	Construction Management Organisation
CS	Cross Section
Cr	Chromium
CSMRS	Central Soil and Material Research Station
Cu	Copper

Abbreviation	Full Name
Cum	Cubicmetre
Cumec	Cubic metre per second
Cusec	Cubic feet per second
CWC	Central Water Commission
d/s	Downstream
DH	Drill Hole
DO	Dissolved Oxygen
DPR	Detailed Project Report
DSL	Dead Storage level
E	East
EC	Electrical Conductivity
EDT	Economic Development Trust
EIA	Environmental Impact Assessment
EKMC	Eastern Kosi Main Canal
E&M	Electrical & Mechanical
EL	Elevation level
EMP	Environmental Management Plan
EPG	Emergency Planning Group
ERP	Economic Rehabilitation Programme
Eto	Evapo-transpiration
F	Florde
FB	Fore Bearing
Fe	Iron
FRL	Full Reservoir Level
FSD	Full Supply Depth
FSL	Full Supply Level
g	Acceleration due to gravity
GD&S	Gauge Discharge & Silt
G&D	Gauge & Discharge
GCA	Gross Command Area
GI	Galvanised Iron
GIR	Gross Irrigation Requirement
GSI	Geological Survey of India
GTS	Great triangular surevy
GW	Ground Water

Abbreviation	Full Name
H	Horizontal
ha	hectare
HP	Horse Power
hr	Hour
ham	hectare-metre
HDPE	High Density Poly Ethylene
HE	Hydro Electric
HEP	Hydro Electric Project
HFL	High Flood Level
HMG	His Majesty's Govt.
HT	High Tension
HYV	High Yield Varieties
IC	Installed Capacity
IMD	Indian Meteorological Department
IMO	Irrigation Management Organisation
IRR	Internal Rate of Return
K	Potassium
K-M Link	Kosi- Mechi Link
km	Kilometre
km/hr.	Kilometre per hour
KV	Kilo Volt
Kwh	Kilowatt hour
LARR	Land Acquisition, Rehabilitation and Resettlement
LBC	Left Bank Canal
LS	Longitudinal Section
lpm/m	Litres per minute per metre
LT	Low Tension
m	Metre
MoTA	Ministry of Tribal Affairs
mbgl	metres below ground level
MCM	Million Cubic Metre
MDDL	Minimum Drawdown Level
MG	Meter Gauge
Mg	Magnesium
Mg/l	Milligram per litre

Abbreviation	Full Name
mm	Millimetre
MMI	Modified Mercalli Intensity
MoEF	Ministry of Environmental & Forests
MoU	Memorandum of Understanding
MoWR	Ministry of Water Resouces
MS	Mild Steel
MSL	Mean Sea Level
MT	Metric Tonnes
MU	Million Unit
MWL	Maximum Water Level
MW	Mega Watt
N	North
NA	Not Applicable
Na	Sodium
NH	National Highway
NO ₃	Nitrate
NOF	Non Overflow
NPP	National Perspective plan.
NSL	Natural Surface Level
NWDA	National Water Development Agency
OF	Overflow
OFD	On Farm Development
PAP	Project Affected People
Pb	Lead
PCC	Plain Cement Concrete
PFR	Prefeasibility Report
PH	Power House
PHED	Public Health Engineering Department
PLF	Power Load Factor
PMF	Probable Maximum Flood
PMP	Probable Maximum Precipitation
POL	Petrol Oil Lubricants
PPR	Preliminary Project report
R&R	Resettlement & Rehabilitation
RCC	Reinforced Cement Concrete

Abbreviation	Full Name
RD	Reduced Distance
RH	Relative Humidity
RL	Reduced Level
RMR	Rock Mass Rating
S	South
SC	Scheduled Caste
SE	Superintending Engineer
SFR	Sheep Foot Roller
SOI	Survey of India
SOR	Schedule of Rates
SO ₂	Sulphur dioxide
SO ₄	Sulphate
sq km	Square Kilometre
ST	Schedule Tribe
t	tonnes
T&P	Tools & Plants
TAC	Technical Advisory Committee
TMC	Thousand Million Cubic feet
TWL	Tail Water Level
u/s	Upstream
V	Vertical
W	West
WBM	Water Bound Macadam
WKMC	Western Kosi Main Canal
WR	Water Resources
WRD	Water Resources Department
Zn	Zinc

Abbreviation	Full Name
---------------------	------------------

