

Abbreviations and Acronyms

ACP	asbestos concrete pipe
ADA	average daily attendance
ADWF	average dry weather flow
AL	action level
AMPE	Asset Management Program Evaluation
AMR	automatic meter reading
AAFB	Andersen Air Force Base
AWWA	American Water Works Association
BMP	Best Management Practice
BOD	biochemical oxygen demand
BOD ₅	five-day biochemical oxygen demand
BOO	Build-Operate-Own
BOS	Base Operations and Support
BOT	Build-Operate-Transfer
BPS	booster pump station
BSP	Bureau of Statistics and Planning
CAC	Citizens Advisory Committee
CAD	Computer Aided Design
CAFR	Comprehensive Annual Financial Report
CAPE	Capacity Assurance Planning Environment
Ccf	hundred cubic feet = 748.1 gallons
CCU	Consolidated Commission on Utilities
CCTV	Closed Circuit TV
CFR	Code of Federal Regulations
CIP	Capital Improvement Program
CMMS	computerized maintenance management program
CMOM	Capacity, Management, Operation, and Maintenance
COS	Cost of Service
CP	cathodic protection
CPE	Comprehensive Performance Evaluation
CPI	consumer price index
CUWCC	California Urban Water Conservation Council
CT	contact time; current transformer
CTA	Comprehensive Technical Assistance
CWA	Clean Water Act
DB	Design/Build
DBB	Design/Bid/Build
DC	direct current
DMR	Discharge Monitoring Report

Water Resources Master Plan

DPW	Department of Public Works
DRC	Direct Responsible Charge
DU	dwelling unit
DWF	dry weather flows
ECM	existing condition model
EDU	equivalent dwelling units
EM	Equivalent Meter (3/4-inch standard water meter)
ENRCCI	Engineering News Record Construction Cost Index (for inflation)
EPA	U.S. Environmental Protection Agency
ESRI	Environmental Systems Research Institute, Inc.
FAQ	frequently asked questions
FENA	Navy water
FTE	full-time employee
FY	fiscal year
GAC	granular activated charcoal
GASB	Governmental Accounting Standards Board
GEPA	Guam Environmental Protection Agency
GGN	Guam Geodetic Network
GGTN	Guam Geodetic Triangulation Network
GIS	geographic information systems
GPA	Guam Power Authority
gpad	gallons per acre per day
gpcd	gallons per capita per day
gpd	gallons per day
gpm	gallons per minute
GPS	global positioning system
GT	Grand Total
GTA	Guam Telephone Authority
GVB	Guam Visitors Bureau
GWA	Guam Waterworks Authority
GWUDI	groundwater under the direct influence
HARN	High Accuracy Reference Network
hp	horsepower
IDWS	individual wastewater disposal systems
I/I	inflow and infiltration
IT	information technology
IWA	International Water Association
JDE	J.D. Edwards
Kgal	thousand gallons
km	kilometer
kW	kilowatt(s)

lb	pound(s)
LCR	Lead and Copper Rule
LI	Langlier Index
LPR	Linear Polarization Resistance
MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goal
MFD	multifamily dwelling
mg	milligram
MG	million gallons
mgd	million gallons per day
mg/L	milligrams per liter
MOM	management, operations, and maintenance
MOU	Memorandum of Understanding
MPa	megapascals
MRDL	Maximum Residual Disinfectant Level
MRDLG	Maximum Residual Disinfectant Level Goal
MS	Microsoft
NAD	North American Datum
NDSTP	Northern District Sewage Treatment Plant
NGLS	Northern Guam Lens Study
NPDES	National Pollutant Discharge Elimination System
NTU	nephelometric turbidity unit
O&M	operations and maintenance
OM&R	Operations Maintenance and Repair
PLC	programmable logic controller
PMC	performance management contract
ppb	parts per billion
ppd	pounds per day
PPP	public-private-partnership
PWSS	Public Water Supply Systems
PRO	Public Relations Office
PRV	pressure reducing valve
PS	pump station
PSE	public sector entity
psi	pounds per square inch
PSV	pressure sustaining valve
PUAG	Public Utility Agency of Guam
PUC	Public Utilities Commission
PVC	polyvinyl chloride
QA/QC	Quality Assurance/Quality Control
R&R	repair and replacement

Water Resources Master Plan

RAS	return activated sludge
RDBMS	relational database management systems
RFP	Request for Proposals
RPM	Replacement Planning Module
RTU	Remote Telemetry Unit, or Remote Terminal Unit
SAR	Supplemental Annuity Retirement
SCADA	Supervisory Control and Data Acquisition
SDCs	system development charges
SDWA	Safe Drinking Water Act
SFD	single-family dwelling
SIMS	Sewer Information Management System
SLPS	Southern Link Pump Station
SOC	synthetic organic compound; synthetic organic chemical
SPS	sewage pump station
SSO	stormwater system overflow; sewer system overflow; or sanitary sewer overflow
STP	sewage treatment plant
TCE	trichloroethylene
TFSC	trickling filter solids contact
TLUC	Territorial Land Use Commission
TSPC	Territorial Seashore Protection Commission
TSS	total suspended solids
TVSS	transient voltage surge suppressor/or suppression
UIC	Underground Injection Control
Unit	commercial billing unit
UPS	uninterruptible power supply
U.S.	United States
USGS	U.S. Geological Survey
VOC	volatile organic compound
WAS	waste activated sludge
WBPS	water booster pump station
WEF	Water Environment Federation
WERI	Water Environmental Research Institute
WGS	World Geodetic System
WHPP	Well Head Protection Program
WIMS	Water Information Management Systems
WQS	water quality standards
WRMP	Water Resource Master Plan
WTP	water treatment plant
WWPS	wastewater pump station
WWTP	wastewater treatment plant

Possible additions (only used in Vol. 3, Chap. 8)

EQ	Exceptional Quality
PC	Pollutant Concentration
CPLR	Cumulative Pollutant Loading Rate
APLR	Annual Pollutant Loading Rate
PFRP	Processes to Further Reduce Pathogens
MPN	most probable number
PSRP	Processes to Significantly Reduce Pathoges
ADC	alternative daily cover