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- G Review Comments & Responses
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# Acronyms and Abbreviations

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AC	Asbestos Cement
ADD	Annual Average Day Water Demand
AFF	Available Fire Flow
ARVs	Air Release Valves
AV	Altitude Valve
BEP	Best Efficiency Point
BPS	Booster Pump Station
CI	Cast Iron
CIB	Capital Improvement Budget
CIP	Capital Improvement Program
COM	Commercial
CPZ	Central Pressure Zone
DIP	Ductile Iron
EPS	Extended Period Simulation
ET and GST	Elevated and Ground Storage Tanks
FAA	Federal Aviation Administration
FCV	Flow Control Valve
FF	Fire Flow
FPS	Feet Per Second
GIS	Geographic Information System
GPD	Gallons Per Day
GPM	Gallons Per Minute
GST	Ground Storage Tanks
HGL	Hydraulic Grade Line
HSPS	High Service Pump Station
HWL	High Water Level
ICI	Industrial/Commercial/Institutional

IND	Industrial
INS	Institutional
IRC	International Residential Code
ISO	Insurance Service Code
LWL	Low Water Level
M	Magnetic
MDD	Maximum Day Demand
MFR	Multi-Family Residence
MG	Million Gallons
MM	Master Meter
mgd	Million Gallons per Day
MPRV	Maximum Pressure Relief Valve
MR	Manually Read for Customer Billing
MSL	Mean Sea Level
NA	Not Applicable
NCAC	North Carolina Administrative Code
NCDENR	North Carolina Department of Environmental and Natural Resources
NDF	No Density Factor
NFF	Needed Fire Flow
NM	Meter Not Monitored from SCADA or Manually Read
NPF	North Pressure Zone
OCV	Open/Fully Closed Valves
OS	Open Space
P	Propeller
PHD	Peak Hour Demand
PIT	Pressure Indicating Transmitter
POU	Point of Use
PRV	Pressure Reducing Valve
PSI	Pounds Per Square Inch

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PSV	Pressure Sustaining Valve
PVC	Polyvinyl Chloride
PZs	Pressure Zones
RDU	Raleigh-Durham
ROFC	Rate of Flow Controller
RTP	Research Triangle Park
SCADA	Supervisory Control and Data Acquisition
SFR	Single Family Residence
SM	Meter Monitored from SCADA
SPZ	Southern Pressure Zone
SS	Steady State
TC	Turbine Compound
TDH	Total Dynamic Head
TS	Turbine Single
V	Venturi
WPZ	Water Pressure Zone
WTP	Water Treatment Plant