

WEST VIRGINIA DEPARTMENT OF HEALTH AND HUMAN RESOURCES

Bureau for Public Health
Office of Environmental Health Services
Environmental Engineering Division
350 Capitol Street, Room 313
Charleston, WV 25301-3713
Phone: 304-558-2981 Fax: 304-558-0691

WATER SYSTEM DESIGN INFORMATION AND DATA SHEET

Complete all portions of the Design Data Sheet applicable to the project. Omission of required information will result in the application being denied. When both sewer system and water system are to be constructed, Design Data Sheets for both sewage and water must be completed and attached to the application.

Applicant _____

Project Location _____

County _____

Number of customers _____ or Estimated population or population equivalent served _____

Number of home sites _____ Number of manufactured home sites _____

Estimated peak flow _____ gpm

Minimum consumer pressure (static/residual) _____ / _____ psi

Source of Supply: _____
(name of utility)

Municipal _____ Public Service District _____ Private Well _____

Other _____
(specify)

Pressure at connection to public supply (static/residual) _____ / _____ psi

Capacity of well, if applicable _____ gpm

Type of system Gravity _____ Hydropneumatic _____

Other _____
(specify)

Length of water lines of each size _____

YES NO

_____ Details of well construction attached

_____ Fire hydrants to be installed (hydraulic calculations must be included)

_____ Storage tank required Size of tank _____ gallons

_____ Elevation of top and bottom of storage tank _____ / _____

_____ Booster station required Size of station _____ gpm

_____ Pressure reducing station required

_____ Details of water treatment equipment (if applicable)

_____ Chlorination Contact time _____ minutes