Sewage Pump Sizing Worksheet

Static Head: _____ft

Length of Discharge Piping: _____ft

Pipe Diameter: ____"

Fixtures Draining into Basin	Fixture Unit Value (Figure A)	Quantity	Total

Total Fixture Units: _____

Pump Capacity based on total Fixture Units (Use Figure B): _____ Gallons per minute

Minimum Pump Capacity based on pipe diameter(Use Figure E): _____Gallons per minute

Fittings	Equivalent Feet (Figure D)	Quantity	Total

Total Equivalent Feet of Pipe for Fittings: _____ft

Friction Head in feet per 100' (Use Figure E): _____ft

Friction Head = (Length of Discharge Pipe + Equivalent Feet of Pipe for Fittings) X Friction Head in feet/100

(_____ft + _____ft) X _____ft/100 = _____ft of Friction Head

Total Dynamic Head = Static Head + Friction Head

_____ft + _____ft = _____ft of Total Dynamic Head