



Town of Johnstown

Statement of Expected Utility Needs

Project Name & Location: _____

Date: _____

Developer: _____

Building Description _____

Code Section: _____ 2018 International Plumbing Code

DIRECTIONS

Attach fixture count and calculations for both the water and sewer demand. For developments with multiple buildings, complete one form for each building type with all applicable information filled in.

WATER DEMAND

Policy: Water meters and service lines shall be sized in accordance with the following table based on the current International Plumbing Code. If a combined domestic and irrigation meter are used, the higher water demand shall determine the water meter size.

Domestic Water Demand

Description	Existing Value (if any)	Proposed Value
Water Supply Fixture Units (wsfu)		
Flow Rate (gpm)		
Water Meter Size (in)		
Service Line Size (in)		
Velocity in Service Line (ft/s)		

Irrigation Water Demand

Description	Existing Value (if any)	Proposed Value
Irrigated Area (sf)		
Flow Rate (gpm)		
Water Meter Size (in)		
Service Line Size (in)		
Velocity in Service Line (ft/s)		

The Community That Cares

www.TownofJohnstown.com

P: 970.587.4664 | 450 S. Parish Ave, Johnstown CO | F: 970.587.0141

SANITARY SEWER DEMAND

Policy: Sanitary sewer service lines shall be sized in accordance with the following table based on the current International Plumbing Code.

Description	Existing Value (if any)	Proposed Value
Drainage Fixture Units		
Flow (gpm) ¹		
Sewer Service Pipe Diameter (in)		
Slope of Service Line (%) (2% min)		
Velocity (ft/s)		

¹ Flow shall be calculated 70% of the estimated water demand based on IPC calculation for domestic water demand.

CERTIFICATION STATEMENT

I hereby certify that the information provided in this Statement of Expected Utility Needs is accurate, meets the requirements of the 2018 International Plumbing Code, and was prepared by myself or under my direct supervision.

_____ _____ _____ _____
Name P.E. Number Date Stamp