	City Utilities Design Standards Manual	Exhibit W5-10 Most Remote Test Results– Page 1 of 2
		Created: January 1, 2002 Revised: June 10, 2014

Step 1: Sketch Schematic of Overall Project

PROJECT NAME _____

Highest elevation in project area _____ feet

NOT TO SCALE

Sketch must include Pressure Hydrants for all flow tests, existing pipe, point(s) of connection, segment ID #'s, diameter, length, and C factor. The elevation of all Pressure Hydrants must be shown. Label all "plausible" Most Remote Point(s) in project area. Test each Most Remote Point with Steps 2, 3, and 4. More Most Remote Points may be added during testing.

Step 2: Sketch Most Remote Test Point (separate sheet for each test)

Most Remote Test Point # _____

Sketch must include Pressure Hydrant, existing pipe, point of connection, Most Remote Point #, segment ID #'s, diameter, length, and C factor, and elevation at Pressure Hydrant and Most Remote Point.

Step 3: Sum the losses to the Most Remote Point

Segment ID #	*Velocity*	*Losses along Segment*
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses
Segment #		Friction losses Minor losses

Elevation @ Most Remote Point
Elevation @ Pressure Hydrant
Difference ± x 1ft/2.31 psi ±

Sum of Losses to Most Remote Point ±