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 for 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 [ ]

Elevation @ Most Remote Point [ ]

Elevation @ Pressure Hydrant [ ]

Difference ± [ ] x 1ft/2.31 psi ± [ ]

Sum of Losses to Most Remote Point ± [ ]

Residual Pressure @ Pressure Hydrant @ Design Demand (RP_{DD}) Result of Exhibit W5-7 [ ]

Sum of Losses to Most Remote Point (from above) [ ]

Difference (Note: Result must be a minimum of 20 psi) ± [ ]