



Montrose Fire Protection District

441 South Uncompahgre Ave., Montrose, CO 81401 | (970) 249-9181

Serving Montrose since 1888



UNDERGROUND FIRE LINE PERMIT APPLICATION

Project Name: _____

Project Address: _____ City: _____ Zip Code: _____

Scope of Work: _____

Contact Name: _____ Contact Number: _____

Contractor Information Company's Colorado Division of Fire Safety Registration#: _____ Must be Current for Review

Company: _____ Business Number: _____

Company Address: _____ City: _____ State: _____ Zip Code: _____

Contact Name: _____ Phone: _____ Email: _____

No. of Risers: _____

Underground piping from the water supply to the system riser and lead-in connection to system riser shall be completely flushed before any connection is made to fire protection system piping (NFPA 13:10.10.2). Flushing shall continue for sufficient time to ensure thorough cleaning, usually until the water runs clear, this is usually accomplished in a 5-minute flush. Be advised the City of Montrose chlorination flush does NOT replace the Fire Department's required flush. Minimum flow rate shall be not less than one of the following:

1. Hydraulically calculated demand rate of the system, including any hose requirements.
2. Flow necessary to achieve a velocity of 10 ft/sec in accordance with NFPA 13 Table 10.10.2.1.3. Minimum Flow Rates (Preferred method)

Underground Pipe Size (in)	Required Flow Rate (gpm)	Hose/Pipe Sizes					
		2 ½"	3"	4"	5"	6"	8"
4	390	1	1	1	-	-	-
6	880	2	2	1	1	1	-
8	1560	4	3	2	1	1	1
10	2440	6	4	3	2	1	1
12	3520	8	6	4	2	2	1

3. Maximum flow rate available to the system under fire conditions.