



## UNDERGROUND FIRE PROTECTION SYSTEM: FLUSHING REQUIREMENTS

Department of Community Development and Code Compliance  
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OFFICE USE ONLY

APPLICATION #:

PERMIT #:

All supporting documentation showing items listed below are required for review. The checklist is based on the 2017 Edition of NFPA 17-A.

PROJECT NAME:

PARCEL ID NUMBER:

PROJECT ADDRESS:

DATE:

- Underground pipe size of 4" Minimum required rate of flow for flushing would be 390 gpm. This would require (1)-4" pipe or (2)-2 1/2" hoses. Arrangements shall be made proper disposal of flushing water.
- Underground pipe size of 6" Minimum required rate of flow for flushing would be 880 gpm. This would require (1)-6" pipe or (4)-2 1/2" hoses. Arrangements shall be made proper disposal of flushing water.
- Underground pipe size of 8" Minimum required rate of flow for flushing would be 1560 gpm. This would require (1)-10" pipe, (2)-6" hoses, or (6)-2 1/2" hoses. Arrangements shall be made proper disposal of flushing water.
- Underground pipe size of 10" Minimum required rate of flow for flushing would be 2440 gpm. This would require (1)-10" pipe or (2)-5" hoses, or (10)-2 1/2" hoses. Arrangements shall be made proper disposal of flushing water.
- Underground pipe size of 12" Minimum required rate of flow for flushing would be 3250 gpm. This would require (1)-12" pipe or (2)-6" hoses, or (12)-2 1/2" hoses. Arrangements shall be made proper disposal of flushing water.
- NOTE: These are general requirements. Specific site conditions may warrant revisions or exceptions to the above requirements.
- Manpower and pipes or hoses to maintain continuous flushing. Bags/sacks and attachments to hoses or pipes. Proper notification and approval from water supplier. Adequate and proper disposal of flushing water (additional pipe or hose may be required). Obtain any approvals required for disposal prior to scheduling inspection. A minimum of 48 hr. notice of intent to flush, and proper scheduling with Inspection Dept. Underground piping plans and specs. On site for flushing inspection. Flushing will be maintained at each outlet for approx. 7 minutes after last debris is observed leaving the hose.