

SAN FRANCISCO WATER DEPARTMENT, CDD
HYDRANT METER INSTALLATION & OPERATION RULES FOR
PERMITTED TEMPORARY WATER SUPPLY

Permitted temporary use of fire hydrants for temporary water supply is issued upon approval of the SFPUC.

Permitted temporary use of fire hydrants for temporary water supply is a revocable privilege and is at all times subject to strict compliance with the following requirements:

1. The use of any device to operate the hydrant other than the regular Pentagon SFWD Standard Hydrant Spanner issued by SFWD, CDD Meter Shop is strictly prohibited. Hydrants must be slowly opened and slowly closed to prevent surges.
2. When fire hydrants are in use, the hydrant valves must be in the fully opened positions at all times and the flow of water must be regulated with a shutoff nozzle attached to the hose line, partial opening of the hydrant valve may cause chattering and water hammer.
3. All meters attached to hydrants must rest flat on the ground with dial facing up and be supported in such manner that no part of the weight is carried by the outlet of the hydrant.
4. The Hydrant Permittee shall connect to only the lower outlet of the permitted hydrant detailed on the permit application; the top outlet shall always remain free and accessible for firefighting purposes.
5. An approved SFWD issued spanner wrench must be attached to the permitted hydrant to ensure the speedy disconnection of the meter whenever the necessity arises. Hydrant Permittees are required to disconnect all such connections at the end of each workday when work stops and during all days that no actual work is in progress. Hydrant Permittees must disconnect and return all hydrant meters and all appurtenances back to the meter shop by permit end date.
6. At all times, the hydrant shall be kept clear of construction equipment, material, and debris of any kind that might hinder or obstruct the emergency use of the fire hydrant.
7. The Hydrant Permittee shall maintain a safe path of travel in the public right away for pedestrians and bicyclists while connected to & operating the hydrant. Hydrant Permittee shall refer to and abide by all local, state & federal safety compliance rules.
8. Caps shall be replaced on hydrant outlets, when not in use to protect the threads.
9. The Hydrant Use Permit shall be available and/or posted on the job site at all times for viewing upon the request of SFPUC, SFWD. If the Hydrant Use Permit is not available for viewing on the job site, all equipment attached to the hydrant will be confiscated by the SFPUC, SFWD and citation issued.
10. Under no conditions will permits be issued for the use of hydrants on High Pressure System Hydrants. Such hydrants may be recognized by the fact that the operating spindles protrude through the top of the hydrants operating spindles of low-pressure hydrants protrude through the sides.
11. As the above requirements are mandatory, it will be necessary for all Hydrant Permittee's employees to be instructed to comply with all SFPUC, SFWD requirements – a violation of which will mean prompt cancellation of the permit.
12. **Use of any hydrant without a Valid Hydrant Use Permit is a misdemeanor; penalty upon conviction is a fine, imprisonment, or both.**

*Visit our link to watch step by step instructional video https://youtu.be/HCTIYLUe_p4

*Visit our Hydrant Meters Webpage [Hydrant Meters \(sfpuc.org\)](https://www.sfpuc.org/hydrant-meters)

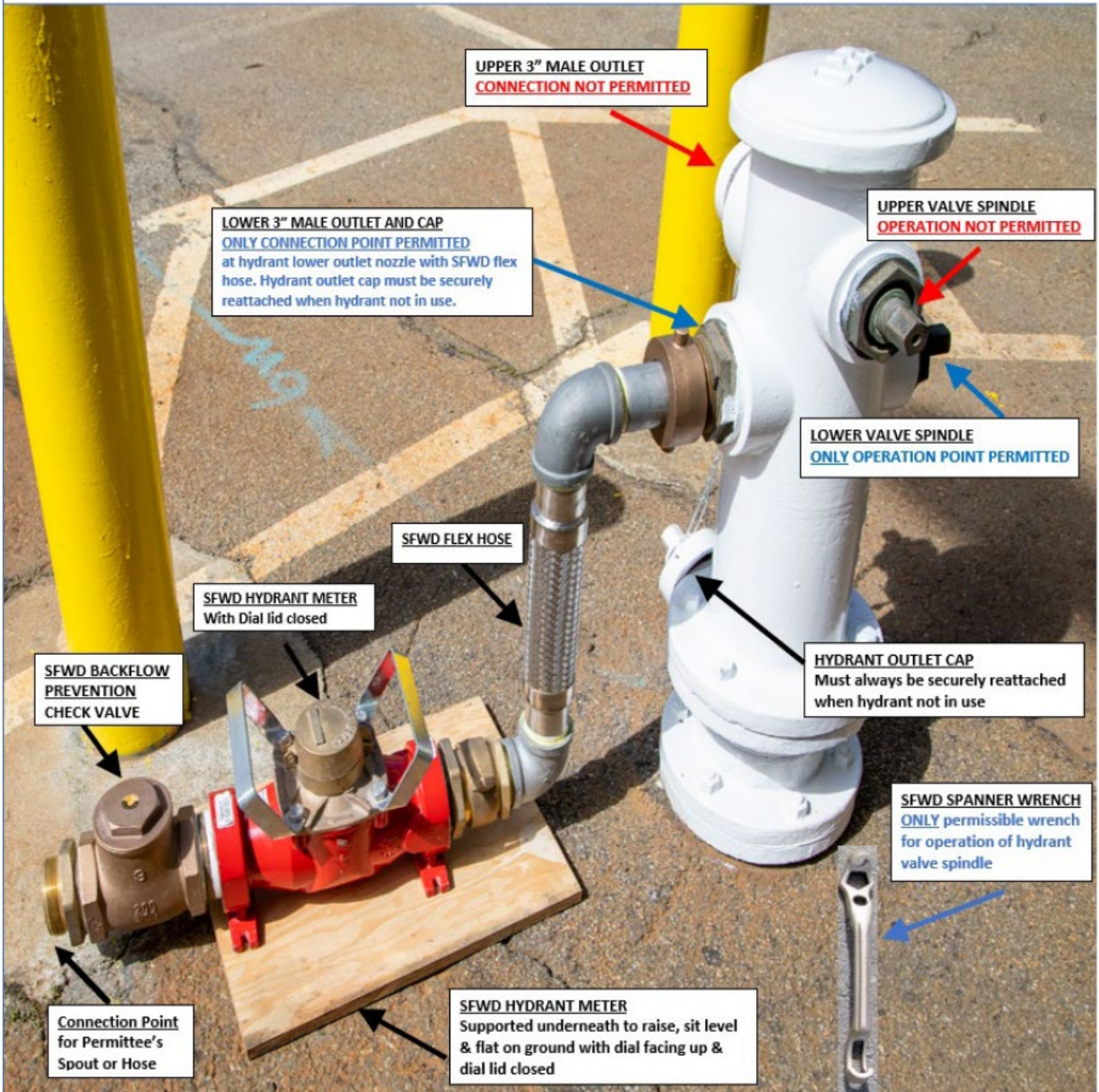
William Teahan
SFWD, CDD Division Manager

Hydrant Use for Temporary Water Supply Applicant's Company Name & Initials

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SFWD Hydrant Meter Connection Diagram

Updated 05/01/2023 pmattias
 Photo by swong 2023



Red = Reserved for SFFD use only. Permittees never allowed to use upper hydrant spindle or outlet
Blue = Hydrant Permittees may only use hydrant lower spindle & outlet, and SFWD spanner wrench
Black = Names of SFWD hydrant meter & hydrant parts