

Effective On-Site Filtration For Polluted Fire Sprinkler Discharge



The EcoSmart FM Filter is a practical solution for regulatory compliance and environmental leadership.

Fire sprinkler system discharge contains dangerous heavy metal pollutants like lead, mercury and zinc. While some fire protection professionals and in-house maintenance personnel transport this discharge to a safe recycling disposal site during regular tests, repairs and maintenance, time and cost make this method infeasible.

Instead, with the risk of possible fines, the polluted water is often discharged onto parking lots or diverted into landscaping, where it can find its way into storm drains, or other receiving waters, or percolate into the ground water table. This polluted water with its “heavy metals” content is generally discarded into the environment, which contributes to the contamination of our oceans, rivers, waterways and causing turmoil to the marine life and the ecosystem.

The EcoSmart FM Filter installs next to the fire sprinkler riser, either indoors or outdoors.

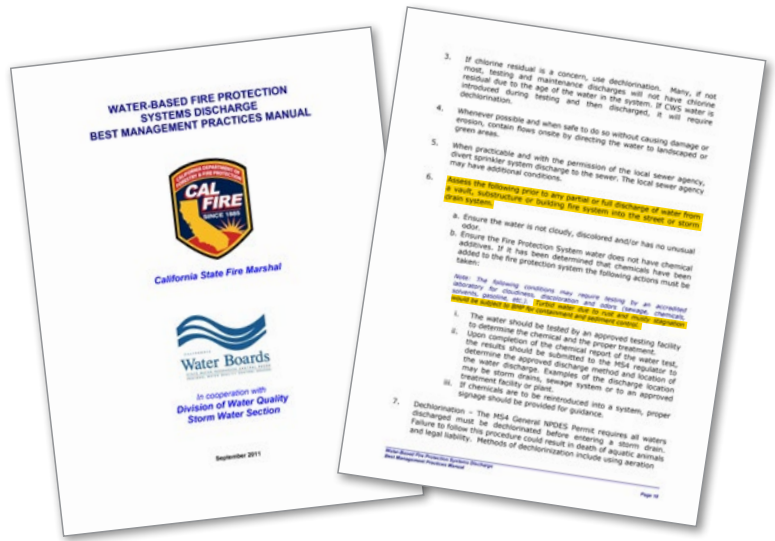
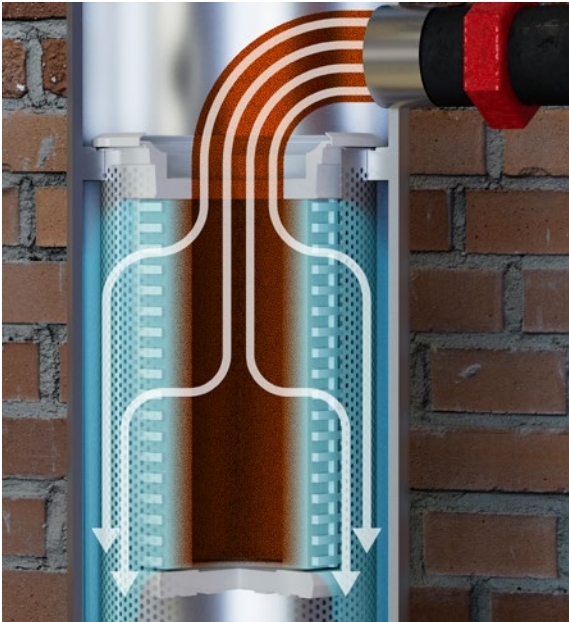


The EcoSmart Filter effectively filters this discharge on-site. It was invented by a fire protection engineer who understands the challenge of finding a practical solution for legally and responsibly flushing fire sprinkler systems.

- Installed permanently into the fire sprinkler drainage system
- Removes contaminants, including sediment and heavy metals such as lead, copper and zinc
- In compliance with CalFire and California Water Resource Board BMP manual



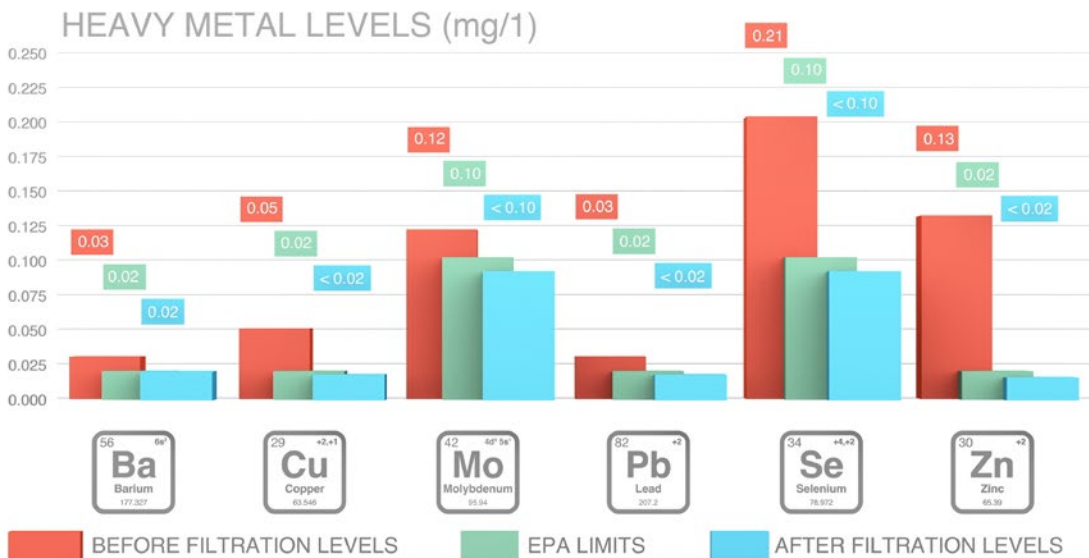
The smaller wall mount EcoSmart Filter unit is installed near the inspector's test location



CalFire and California Water Resource Board BMP Manual

Part 6:6: Assess the following prior to any partial or full discharge of water from a vault, substructure or building fire system into the street or storm drain system.

Part 6:6b: Turbid water due to rust and musty stagnation would be subject to BMP for containment and sediment control.



Specs

Vessels are manufactured from polished and non-corrosive 304 S/S

Flow Rate: 35/40 gpm's

Rated: 150 PSI

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 U.S. Patents 7,438,820 7,459,074 Mexico 323495 - Other Patents Pending



WARRANTY

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