

## CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY'S ACTION ON CHEMICAL SUBSTANCES PFOA AND PFOS

### Public Utilities-Water

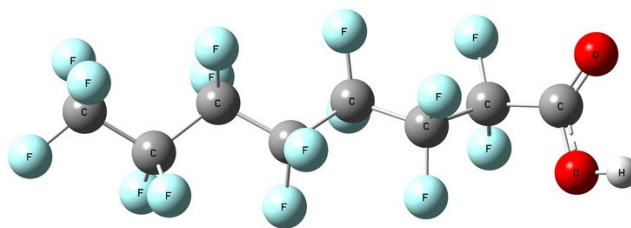
Public Utilities Water Committee  
August 12, 2019

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## BACKGROUND



Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) are manmade substances synthesized for water and lipid resistance

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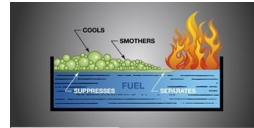
## BACKGROUND

1. Extensively used in various industries and consumer products
2. Waterproof, stain-resistant, or non-stick
3. Blood test show detection in nearly all people tested

## BACKGROUND



## BACKGROUND



STAINMASTER



For Leather



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## BACKGROUND

1. Groundwater systems may be vulnerable
2. Contamination associated in areas where chemicals were manufactured
3. Used at airfields for fire fighting operations (fire retardant)
4. Wastewater discharges



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## DISCUSSION

1. Preliminary data shows detection in 13 of 29 wells tested
2. Levels below regulatory limits at compliance point
3. Presently no action is needed at current levels

## DISCUSSION

1. Inform public via Annual Water Quality Report
2. Inform Board if Notification Levels are exceeded
3. Discontinue use or treat water sources

## DISCUSSION

1. Monitor, identify sources, and potential responsible parties
2. Research treatment options
3. Collaborate with regulators and local agencies

## RECOMMENDATION

That the Board of Public Utilities receive the California Environmental Protection Agency's action on chemical substances perfluorooctanoic acid and perfluorooctane sulfonate.