Unregulated Contaminants
Perfluorinated Compounds
EPA’s Updated Health Advisory Limit for PFC’s

• The Facts
• What WWSD Is Doing About PFC’s
• What The Customer Can Do
The Facts

- WWSD is required to take unregulated contaminant samples every 3 years.
- Perfluorinated compounds are man-made and consist of:
  - Perfluorooctanesulfonic Acid (PFOS)
  - Perfluorooctanoic Acid (PFOA)
  - Perfluoroheptanoic Acid (PFHpA)
- EPA’s Health Advisory Limit (H.A.L.) prior to May 19th:
  - PFOS = .2 parts per billion (ppb)
  - PFOA = .4 ppb
- EPA’s primary concern is for pregnant women and young infants.
- They are unregulated and unenforceable.
  - Public water systems are **only required** to take samples every 3 years and report it to the public in their Consumer Confidence Report.
The Facts...continued

• WWSD Was Below The EPA’s Health Advisory Prior to May 19th, 2016
All Levels in Parts Per Billion
The Facts...continued

- The EPA lowered the H.A.L. To 0.7 ppb
  - They Also Made It A Combined Parameter
    - PFOA + PFOS Is Recommended To Be Lower Than 0.7 ppb
- Colorado Department of Public Health and Environment
  - Added PFHpA To The New H.A.L.
    - PFOA + PFOA + PFHpA Is Recommended To Be Lower Than 0.7 ppb

What Are Public Water System’s Required To Do If They Are Over The H.A.L.?

Nothing.

What does the EPA or CDPHE Do To Assist Public Water Suppliers To Address or Remove PFC’s?

Nothing (because it is unregulated).
What WWSD Is Doing About PFC’s

- Informing It’s Consumers About EPA/States Decisions
- Quarterly Testing To Better Understand PFC Levels
- Introducing Surface Water On Extreme West Side
- 2018 (or sooner) Construction Of Blending Manifolds
- Engineering Future Treatment Options
What The Customer Can Do

• East of Fountain Mesa Drive = Nothing

• West of Fountain Mesa Drive:
  • Install A Reverse Osmosis Filtration System or Activated Carbon Filter
  • Perform Manufacturer’s Recommended Maintenance
  • Find An Alternate Source (i.e. Bottled Water)
  • Contact CDPHE For More Information:
    • Health Concerns: 303-692-6375
    • Home Treatment: 303-692-3500