SAFETY

JOHN HINES HOUGHTON LAKE SEWER AUTHORITY
ARE YOU AND YOUR TEAM REALLY TRYING?
NOTHING TO SEE HERE
IF WE PUT UP SIGNS WORKERS WILL ALWAYS FOLLOW THE RULES
JUST BECAUSE WE HAVE THE TOOLS TO BE SAFE DOES NOT MAKE US SAFE

SAFETY FAIL
I DON’T KNOW HOW THIS HAPPEND
WASTING MONEY ON SAFTEY
ARE YOU READY TO SEE YOUR COWORKER THAT HAS LOST THEIR SIGHT AND CAN NOT SEE YOU?

Carol never wore her safety goggles.

Now she doesn’t need them.
YEP ALL GOOD HERE
THIS IS BAD! HOW COULD IT GET WORSE?
IT IS ALL ABOUT THE MINDSET

SAFETY: WASTE of TIME!!!
5 burned in explosion at treatment-plant site

- Edmonds, WA
- Picnic Point Wastewater Treatment Plant.
- A worker was putting a 1,000-gallon propane tank onto a truck to take it off the site.
- The tank, which was the size of a small car and had been used temporarily for heat, had about 300 gallons of propane in it.
- The load shifted, causing the tank to move unexpectedly, and a valve snapped off the tank.
IL Worker Death In Wastewater Plant Ruled Accidental 2011

- Water Reclamation District of Chicago
- John Fergus, 51, died from multiple injuries sustained in a bobcat machine accident
- Fergus was an electrician with the district and had six children
- She said this is the first time that an accident like this has happened.
- Several years ago another worker drowned in a water facility, she said.
Worker dies after fall in storage tank

- A worker died today after falling and hitting his head in a storage tank at a water treatment plant.
- Dallas Treatment plant
- The victim was climbing a ladder out of the tank when he fell 15 feet and struck his head on a concrete block.
- He suffered severe head and neck injuries and was taken to Dallas Regional Medical Center, where he was later pronounced dead.
Asheville Sewerage Supervisor Dies While Working On Line

- A backhoe struck John Mark Crowe in the head and shoulders as his crew worked on inserting a manhole near 257 Mcdowell
- Crowe, a 45-year-old married man who worked for the sewerage district for 15 years, was working as the construction crew supervisor.
AT THE END OF THE DAY IT IS ALL UP TO US AS AN INDUSTRY TO KEEP US SAFE

The minute you settle for less than you deserve, you get even less than you settled for.  
- Maureen Dowd

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THIS COULD BE WHY YOUR PHOSPHORUS LEVELS ARE UP?
LARGE SCALE GROWS USE HYDROPONICS AND FLUSH WATER IS FULL OF (P)
INDUSTRIAL USERS VERSUS HOMEOWNERS
OUTPUTS CAN BE 90+MGL
MAKE NO MISTAKE ABOUT IT!! THE NEXT GOLD RUSH WILL BE MARIJUANA

NPDES Permit

- National Pollution Discharge Elimination System
- Used to regulate wastewater discharges
- Requires a minimum treatment standard
  - Dissolved Oxygen, pH, BOD, ammonia, toxicity
- These permits get more strict over time as more users need to add to the river
ONE DOES NOT SIMPLY END A PRESENTATION WITHOUT ANSWERING QUESTIONS
THANK YOU FOR YOUR TIME