

**Option 1- Tell the Pollution Control Board to adopt the proposed groundwater rules as soon as possible**

Please email [Don.Brown@Illinois.gov](mailto:Don.Brown@Illinois.gov) with the subject: IPCB R2022-018.

Hello Mr. Brown,

Please add the below to the public comment for IPCB R2022-018.

The proposed GQS values make considerable strides in protecting the people of Illinois. In particular, adding 6 PFAS chemicals is important in protecting the water of Illinois.

The adverse health effects from PFAS exposure are numerous— including various cancers, immune system suppression, reduction in antibodies' responses to vaccines, decreased infectious disease resistance, decreased vaccination response in children, and birth defects.

The most recent Health Advisory from the U.S. EPA said that when they consider the "...new science and consider lifetime exposure," that, "...negative health effects may occur with concentrations of PFOA or PFOS in water that are near zero and below EPA's ability to detect at this time." For this reason, the health advisory applies to .02 ppt (parts per trillion) of PFOS and .004 ppt of PFOA— far below the Pollution Control Board's modest proposal of 7.7 ppt (PFOS) and 2 ppt (PFOA).

I understand that the Pollution Control Board must weigh all the variables, including both emerging science as well as the economic impact of its decisions. But for the health of all of Illinois' citizens and residents, please make sure that these chemicals are added at the proposed level or lower. With constantly emerging science indicating the danger of these chemicals at even the smallest amounts, it is essential that the process of regulating these chemicals in Illinois' ground water begin as soon as possible.

Many residents of Illinois have likely been exposed to PFAS for years if not decades in ways that have been dangerous to their health. We need to begin regulating these chemicals and protecting people from their harm as soon as possible.