

Division of Water Resources

Rule making and SSAB process support
August 2, 2021





September 2020 – Groundwater and Waste Management Committee

- DWR staff presented an approval request to proceed to the EMC for Public Notice and Hearing on Amendment to 15A NCAC 02L .0202 Groundwater Quality Standards.



Rule packet includes Groundwater Standard for PFOS and PFOA

- Perfluorooctane Sulfonic Acid (PFOS) and Perfluorooctanoic acid (PFOA), total
- Currently there is an Interim Maximum Contaminants Level (IMAC) for PFOA established in December 2006
- There is No IMAC for PFOS
- DWR's recommended groundwater standard for 70ng/L for total PFOA and PFOS
 - This recommendation is based on EPA Office of Water - Drinking Water Health Advisory
 - Exposure parameters used: drinking water intake and body weight of lactating women





- Included with this Public Notice and Hearing request to GWWMC:
 - 1) Draft rule language,
 - 2) Summary Documents and Calculation Worksheets,
 - 2) Historical information on Requested IMACs,
 - 3) Groundwater Regulations in Surrounding States,
 - 4) SSAB Statement on DWR's Proposed PFOA and PFOS Groundwater Standard



SSAB Summary Statement on Proposed PFOA and PFOS Groundwater Standard

December 2019 SSAB:

- consensus on the establishment of a toxicological science-based standard for PFOA and PFOS in preference to a Practical Quantitation Level value.
- indicated using the EPA 2016 Drinking Water Health Advisory level (70ng/L) was a reasonable step to improve the current situation of having much higher IMAC for PFOA of 2000ng/l and no standard for PFOS.
- strongly voiced a recommendation for DEQ to continue to evaluate research and to make these chemicals a high priority for revisiting their standards by monitoring the work being done by other states in additions to EPA.



Proposed Rule Status

- September 2020 received GWWMC approval to move rule packet forward
- November 2020 received EMC approval to go to Notice and Hearing
- Held Public Meeting and had Public Comment Period
- Currently Drafting Hearing Office Report.

